

1R - 386

REPORTS

DATE:

JUNE 2006

February 6, 2008

Mr. Wayne Price
New Mexico Energy, Minerals and
Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

1R-0386

Report

June 2006

Re: Addendum to the Junction 34 to Lea Soil Closure Proposal
NMOCD Reference Number: 1R-0386
Lea County, New Mexico

Dear Mr. Price,

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is submitting this Addendum to the Junction 34 to Lea Soil Closure Proposal. The Junction 34 to Lea Soil Closure Proposal was prepared by Environmental Plus, Incorporated (EPI) and dated June 2006. The site is located in NW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 21, Township 20 South, Range 37 East in Lea County, New Mexico. For reference, a copy of the Junction 34 to Lea Soil Closure Proposal prepared by EPI and dated June 2006, is enclosed as Attachment A.

Plains proposes to replace Section 1.0 as follows:

1.0 Introduction

The purpose of this report is to provide the New Mexico Oil Conservation Division (NMOCD) with information pertaining to the soil impact at the Junction 34 to Lea release site and a soil remediation plan for the impacted soil at the site. This Plan proposes the excavation of impacted soil previously identified, the collection of confirmation soil samples from the excavation sidewalls, and a risk-based strategy utilizing a synthetic liner and backfilling the excavation with blended soil.

Plains proposes to replace Section 7.0 as follows:

7.0 Status and Recommendations

Based on field and analytical results collected during the advancement of the soil borings, installation of monitor wells and soil samples collected from the excavation sidewalls, the following recommendations are proposed with regard to site soil remediation.

Based on the laboratory analytical data:

- Plains proposes to excavate additional hydrocarbon impacted soil exceeding the NMOCD regulatory standard located in the area of monitor wells MW-4 and MW-5 from the ground surface to groundwater.
- The excavation of additional hydrocarbon impacted soil from the excavation sidewalls. The analytical results of excavation sidewall soil samples collected at ten feet bgs on May 3, 2006, indicated total petroleum hydrocarbons (TPH) concentrations exceeded the NMOCD standard in thirteen of the eighteen submitted sidewall soil samples. A map depicting the sampling locations of the May 3, 2006 soil sampling event is provided in the Soil Closure Proposal prepared by EPI. Following excavation activities, confirmation soil samples will be collected and submitted to the laboratory to confirm the excavation sidewalls are below NMOCD regulatory standards.
- Plains proposes a risk-based strategy for soil closure. Following NMOCD approval, gravel will be placed in the excavation to a level six inches above the existing groundwater level to maintain the existing groundwater flow, a twenty millimeter (mil) polyurethane liner, manufactured for this purpose, will be installed on top of the gravel base in the excavation. The liner will be installed between two six-inch layers of non-impacted sand to cushion any sharp objects from puncturing the liner. This engineered control will inhibit vertical migration of contaminants in the treated backfill above the liner. Any monitor well locations within the excavation will be fitted with a protective boot (forty mil thick) to maintain the impermeability of the liner.
- Stockpile soil samples will be collected and analyzed for each 500 cy of impacted soil. On receipt of analytical results, the stockpiled soil will be blended with non-impacted, over-excavated soil and additional soil samples will be collected and analyzed for each 500 cy of blended soil. When the analytical results indicate TPH, benzene and total benzene, toluene, ethylbenzene and xylene (BTEX) concentrations are below 1,000 mg/Kg, 10 mg/Kg and 50 mg/Kg, respectively, the blending of the stockpiles will be complete. Plains will request NMOCD permission to backfill the excavation with blended soil to a depth of three feet bgs. The upper three feet of the excavation will be backfilled with locally purchased non-impacted soil.
- The area will be contoured to allow natural drainage and the area will be reseeded with vegetation acceptable to the landowner.

This Addendum was prepared to address the landowners request that all recently identified additional impacted soil be remediated to NMOCD standards.

Figures, tables, laboratory reports, photographs and any other elements, not addressed above, are unchanged by this addendum.

NOVA has prepared this Addendum to the Junction 34 to Lea Soil Closure Proposal to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this Addendum in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This Addendum to the Junction 34 to Lea Soil Closure Proposal has been prepared for the benefit of Plains. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of NOVA and/or Plains.

Plains requests the NMOCD approve the Soil Closure Proposal and the Addendum to the proposal.

Should you have any questions or comments, please contact me or Camille Reynolds (Plains) at 505-441-0965

Respectfully,



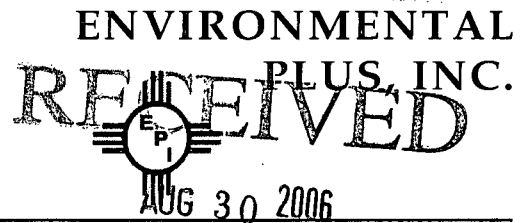
Curt D. Stanley
Senior Project Manager
NOVA Safety and Environmental

Attachment A:
Junction 34 to Lea Soil Closure Proposal

cc: Mr. Larry Johnson – NMOCD Hobbs District Office
Mr. Jeff Dann – Plains Marketing, L.P., Houston, Texas
Ms. Camille Reynolds – Plains Marketing, L.P., Lovington, New Mexico
NOVA Central Files

LETTER OF TRANSMITTAL

*R-386
Report
June 2006



Date: August 28, 2006
To: **Mr. Ben Stone**
Company Name: New Mexico Oil Conservation Division
Address: 1220 South St. Francis Drive
City / State / Zip: Santa Fe, NM 87505
From: Jason Stegemoller
CC: Larry Johnson, NMOCD, Hobbs, NM
Tim Wolters, Bank of America (Millard Deck Estate), Midland, TX
Jeff Dann, Plains All American Pipeline, Houston, TX
Camille Reynolds, Plains All American Pipeline, Lovington, TX
Project #: Plains Ref: 2002-10286
Project Name: Junction 34 to Lea
Subject: **Soil Closure Proposal**

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

# of originals	# of copies	Description
1		Plains- Junction 34 to Lea Soil Closure Proposal – June 2006

Remarks:

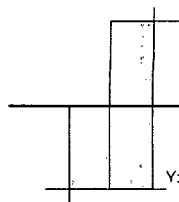
Dear Mr. Stone:

Enclosed is a copy of the Soil Closure Proposal for the above referenced site. An original copy of the report was also submitted to the Millard Deck Estate and appropriate Plains personnel. Should you have any questions or concerns, please contact me at (505) 394-3481.

Sincerely,

Jason Stegemoller
Environmental Scientist

P. O. Box 1558
Eunice, NM 88240
(505) 394-3481
Fax: (505) 394-2601





**PLAINS
PIPELINE**

August 28, 2006

Mr. Ben Stone
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline Soil Closure Proposal
Junction 34 to Lea Release Site
Unit Letter L of Section 21, Township 20 South, Range 37 East
Lea County, New Mexico

Dear Mr. Stone:

Please find attached for your approval the Soil Closure Proposal, dated June 2006, for the Junction 34 to Lea release site located in Section 21 of Township 20 South, and Range 37 East of Lea County, New Mexico. The Soil Closure Proposal details site activities conducted for soil remediation and closure of the site.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

CC: Larry Johnson, NMOCD, Hobbs, NM
Tim Wolters, Bank of America, Midland, TX

Enclosure

SOIL CLOSURE PROPOSAL

**JUNCTION 34 TO LEA
PLAINS REF: 2002-10286
(COMPANY # 231735)**

UL-L (NW¼ OF THE SW¼) OF SECTION 21, T20S, R37E

~5 MILES SOUTH OF MONUMENT

LEA COUNTY, NEW MEXICO

LATITUDE: N 32° 32' 20.82"

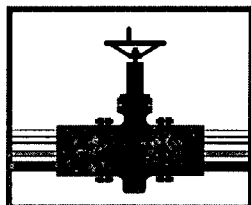
LONGITUDE: W 103° 15' 38.48"

JUNE 2006

PREPARED BY:

**ENVIRONMENTAL PLUS, INC.
2100 AVENUE O
EUNICE, NEW MEXICO 88231**

PREPARED FOR:



PLAINS
ALL AMERICAN

DISTRIBUTION LIST

Plains Pipeline, L.P. – Junction 34 to Lea
 (Plains Ref.: 2002-10286; Company # 231735)

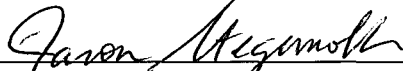
Name	Title	Company or Agency	Mailing Address	E-Mail
Ben Stone	Environmental Engineer	NMOCD – Sante Fe	1220 S. St. Francis Drive Sante Fe, NM 87505	ben.stone@state.nm.us
Larry Johnson	Environmental Engineer	NMOCD – Hobbs	1625 French Drive Hobbs, NM 88240	larry.johnson@state.nm.us
Jeff Dann	Senior Environmental Specialist	Plains Pipeline, L.P.	333 Clay St., Suite #1600 Houston, TX 77002	jpdann@paalp.com
Camille Reynolds	Remediation Coordinator	Plains Pipeline, L.P.	3112 W. Hwy 82 Lovington, NM 88260	cjreynolds@paalp.com
File	- -	Environmental Plus, Inc.	P.O. Box 1558 Eunice, NM 88231	iolness@envplus.net

Standard of Care
Soil Closure Proposal

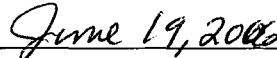
Junction 34 to Lea
Ref. # 2002-10286

The information provided in this report was collected consistent with the New Mexico Oil Conservation Division (NMOCD) *Guidelines for Remediation of Leaks, Spills and Releases* (August 13, 1993), the NMOCD *Unlined Surface Impoundment Closure Guidelines* (February 1993), and the Environmental Plus, Inc. (EPI) *Standard Operating Procedures and Quality Assurance/Quality Control Plan*. The conclusions are based on field observations and laboratory analytical reports as presented in the report. Recommendations follow NMOCD guidance and represent the professional opinions of EPI staff. These opinions were arrived at with currently accepted geologic, hydrogeologic and engineering practices at this time and location. The report was prepared or reviewed by a certified or registered EPI professional with a background in engineering, environmental and/or the natural sciences.

This report was prepared by:

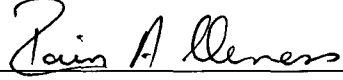


Jason Stegemoller, M.S.
Environmental Scientist

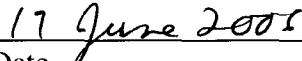


Date

This report was reviewed by:



Iain A. Olness, P.G.
Technical Manager



Date

Table of Contents

1.0	Introduction.....	1
2.0	Summary.....	1
3.0	Field Activities.....	2
4.0	Laboratory Analyses.....	4
5.0	Groundwater Monitoring Summary.....	7
6.0	Soil Status	7
7.0	Status and Recommendations.....	8

FIGURES

- Figure 1:** Area Map
- Figure 2:** Site Location Map
- Figure 3:** Site Map
- Figure 4:** Soil Boring Location Map
- Figure 5:** Excavation and Monitor Well Location Map
- Figure 6:** June 10, 2003 Sample Location Map
- Figure 7:** Current Status Map
- Figure 8:** May 3, 2006 Sample Location Map
- Figure 9:** Proposed Excavation Map

TABLES

- Table 1:** Summary of Initial Soil Sample and Soil Boring Analytical Results
- Table 2:** Summary of May 3, 2006 Soil Sample Analytical Results

APPENDICES

- Appendix A:** Analytical Results and Chain-of-Custody Forms
- Appendix B:** Photographs
- Appendix C:** Informational Copy of Initial C-141 Form

1.0 Introduction

The purpose of this report is to provide the New Mexico Oil Conservation Division (NMOCD) with information pertaining to the soil impacts at the Junction 34 to Lea release site and to prepare a soil remediation plan for the impacted soil at the site. This site is an inactive 4" steel pipeline and this plan proposes to collect final soil samples from the excavation, place impermeable barrier in the floor (if necessary) and backfill the excavation with blended soil comprised of remediated soil (i.e., from the excavated, stockpiled soil) and clean soil obtained from the landowner.

2.0 Summary

The Plains All American Pipeline, L.P. (Plains) Junction 34 to Lea site (Ref. #2002-10286) is located in Unit Letter-L (NW¼ of the SW¼) of Section 21, Range 37 East, Township 20 South at Latitude 32° 33' 18.8"N and Longitude 103° 15' 39.7"W approximately 5-miles south of Monument, Lea County, New Mexico on property owned by the Millard Deck Estate (reference *Figures 1 and 2*). The release was discovered on November 6, 2002 and reported to the New Mexico Oil Conservation Division (NMOCD) on November 7, 2002. The Initial C-141 submitted on November 19, 2002 characterized the release as 300 barrels of crude oil with 190 barrels recovered.

Environmental Plus, Inc. was retained by Plains Pipeline (formerly E.O.T.T. Energy, LLC) to investigate and remediate soil impacted above NMOCD remedial thresholds. Initial remediation activities consisted of excavating and stockpiling saturated soil from the release area. On December 17, 2002, a composite soil sample was collected from the excavated stockpiled soil and submitted for laboratory quantification of TPH concentrations. Laboratory analyses indicated a TPH concentration were 2,030 mg/Kg, above the NMOCD remedial threshold of 100 mg/Kg (reference *Table 1*).

A series of eight soil borings were advanced during the initial site investigation activities conducted on February 6 and 11, 2003. All soil borings were advanced to 15-feet below ground surface (bgs), except for soil boring BH-1 which was advanced to 20-feet bgs (reference *Figure 4*). A groundwater sample collected during boring activities indicated groundwater had been impacted. E.O.T.T. Energy notified the Hobbs and Sante Fe offices of the NMOCD and the landowner of the discovery of impacted groundwater. Laboratory analyses indicated TPH concentrations in all soil boring locations, with the exception of BH-4, were excess of NMOCD remedial thresholds to 15-feet bgs. Benzene and BTEX concentrations in BH-1, BH-2 and BH-4 at 2-feet bgs were in excess of each analytes' NMOCD remedial threshold. Additionally, BTEX concentrations in BH-6 at 2-ft bgs and BH-8 at 2 and 15-ft bgs and benzene concentrations in BH-8 at 15-ft bgs were in excess of each analytes' NMOCD remedial threshold (reference *Table 1 and Figure 4*).

On April 8-10, 2003, three two-inch diameter groundwater monitoring wells (MW-1, MW-2 and MW-3) were installed to delineate the extent of groundwater impacts (reference *Figure 5*). Laboratory analyses indicated TPH concentrations were in excess of NMOCD remedial thresholds at all sampling intervals. BTEX concentrations at 8-feet bgs in MW-3 were in excess of the NMOCD remedial threshold of 50 mg/Kg, all other soil samples were below NMOCD remedial thresholds for BTEX (reference *Table 1*)

Upon completion of the delineation activities and installation of the three groundwater monitoring wells, mitigation activities commenced. Specifically, impacted soil was excavated to a depth of approximately 25-feet bgs and stockpiled within the fenced area (reference *Figure 6*).

In June 2003, a *Groundwater and Soil Remediation Proposal* was submitted to the NMOCD, recommending: a) treatment of hydrocarbons in groundwater with in-situ activated carbon; b) backfill the excavation with blended soil; c) cap the excavation with a compacted clay barrier; d) backfill the excavation with three feet of native topsoil; and e) re-vegetate to landowner specifications. On June 13, 2003, the proposal was approved by Mr. Randy Bayliss of the Environmental Bureau of the NMOCD.

In April 2004, an *Annual Monitoring Report* was submitted to the NMOCD documenting the results of the 2003 sampling and field activities. In addition, the report recommended continued quarterly sampling of the groundwater monitoring well network and semi-monthly gauging/recovery of PSH and semi-monthly gauging of water levels.

On May 13 through 21, 2004, four additional monitor wells (MW-4 through MW-7) were installed to further delineate the lateral extent of hydrocarbon impacts to groundwater. Laboratory analyses indicated TPH concentrations in all samples obtained from MW-4 and MW-5 were in excess of the NMOCD remedial threshold. Reported TPH and BTEX constituent concentrations in all other sampling intervals and monitor well locations were below each analytes' respective NMOCD remedial threshold (reference *Figure 5* and *Table 1*).

In July 2004, a water sparging system consisting of perforated poly-vinyl chloride (PVC) piping attached to an air compressor was installed at the site. The perforated PVC piping was laid in the pools located in the base of the excavation and air was blown through the piping in order to aerate the water to promote hydrocarbon volatilization.

In February 2005, an *Annual Monitoring Report* was submitted to the NMOCD documenting the results of the 2004 sampling and field activities. In addition, the report recommended continued quarterly sampling of the groundwater monitoring well network and semi-monthly gauging/recovery of PSH and semi-monthly gauging of water levels, as well as the installation of three additional groundwater monitoring wells.

On April 12, 2005, a release of an unknown quantity of natural gas and natural gas liquids (NGL) occurred from the Sid Richardson Pipeline immediately to the west of the excavation. An unknown quantity of NGL flowed into the western part of the excavation. This release was immediately addressed by Sid Richardson Pipeline (reference *Figure 7*).

On March 16, 2006, three additional groundwater monitoring wells (MW-8 through MW-10) were installed to delineate the lateral extent of hydrocarbon impacts to the aquifer. Laboratory analyses indicated TPH concentrations at 10 and 15-feet bgs in MW-10 were in excess of the NMOCD remedial threshold. Reported TPH and BTEX constituent concentrations in all other monitor well locations and sample intervals were below each analytes' respective NMOCD remedial threshold (reference *Figure 5* and *Table 1*).

In March 2006, an *Annual Monitoring Report* was submitted to the NMOCD documenting the results of the 2005 sampling and field activities. In addition, the report recommended continued

quarterly sampling of the groundwater monitoring well network and monthly gauging/recovery of PSH and semi-monthly gauging of water levels.

On May 3, 2006, soil samples were collected from the excavation sidewalls at 10-feet bgs to provide a baseline indication of hydrocarbon impacted soil. Laboratory analyses indicated TPH concentrations in the majority of the samples were above the NMOCD remedial threshold. Reported BTEX constituent concentrations were non-detectable at or above laboratory method detection limits (reference *Figure 8* and *Table 2*).

3.0 Field Activities

Upon discovery of the release of November 6, 2002, EPI and EOTT personnel mobilized to the site, exposed the pipeline and installed a pipe repair clamp. In addition, surficial saturated soil was excavated and stockpiled on plastic. Following the removal of the surficial soil, an additional 50 cubic yards of impacted soil in the vicinity of the release source were excavated and stockpiled. On December 17, 2002, a soil sample was collected from the excavated, stockpiled soil and submitted to an independent laboratory for quantification of TPH. Based on analytical results, the excavated stockpiled material was hauled to an approved land farm for treatment (reference *Table 1*).

On February 6-11, 2003, eight soil borings were advanced within the release area to delineate the vertical extent of impacted soil. Soil samples were collected at 2 and 5-feet bgs and 5-foot intervals thereafter. Soil samples were collected to a maximum depth of 20-feet bgs in BH-1 and to a maximum depth of 15-feet bgs in soil borings BH-2 through BH-8. Upon collection, a portion of each sample was placed in a laboratory provided container and set on ice for transport to an independent laboratory for quantification of TPH and BTEX constituent concentrations. The remaining portion of each sample was analyzed in the field for the presence of organic vapors utilizing a photoionization detector (PID) equipped with a 9.8 electron volt (eV) lamp. Field analyses indicated organic vapor concentrations ranged from 4.9 to 1,740 parts per million (ppm) (reference *Figure 4* and *Table 1*).

On April 8 through 10, 2003, three additional soil borings were advanced in the vicinity of soil borings BH-1, BH-5 and BH-8 and completed as groundwater monitoring wells MW-1, MW-2 and MW-3 respectively. Soil samples were collected during the advancement of the soil borings at 8, 13 and 18-feet bgs. Upon collection, a portion of each sample was placed in a laboratory provided container and set on ice for transport to an independent laboratory for quantification of TPH and BTEX constituent concentrations. The remaining portion of each sample was analyzed in the field for the presence of organic vapors utilizing a PID equipped with a 9.8 eV lamp. Field analyses indicated organic vapor concentrations ranged from 659 to 1,850 ppm (reference *Figure 5* and *Table 1*).

Upon completion of the three groundwater monitoring wells, excavation of impacted soil commenced. Approximately 9,000 cubic yards of impacted soil was excavated from an approximately 31,000 square foot area to a maximum depth of 25-feet bgs. During excavation activities, the groundwater interface was exposed in two locations (reference *Figures 6* and *7*). Excavated, impacted soil was stockpiled adjacent to and south of the excavation. Netting was placed over the groundwater to prevent utilization of impacted groundwater by wildlife. Absorbent booms were placed in the water to collect free phase hydrocarbons from the groundwater surface.

On June 10, 2003, EPI personnel collected five grab type soil samples from the excavated, stockpiled soil. Soil samples were immediately placed in a laboratory provided container and placed on ice for transport to an independent laboratory for quantification of TPH and BTEX constituents (reference *Figure 6* and *Table 1*).

On May 13-21, 2004, groundwater monitoring wells MW-4 through MW-7 were installed outside of the initial release area to delineate the groundwater hydrocarbon plume. During the installation of the groundwater monitoring wells, soil samples were collected at 5 and 15-feet bgs from MW-4, at 5, 10 and 15-feet bgs from MW-5, at 10 and 15-feet bgs from MW-6 and at 15-feet bgs from MW-7. A portion of each sample was placed in a laboratory provided container and set on ice for transport to an independent laboratory for quantification of TPH and BTEX constituent concentrations. The remaining portion of each sample was analyzed in the field for the presence of organic vapor concentrations. Field analyses indicated organic vapor concentrations ranged from 0.0 to 271 ppm (reference *Figure 5* and *Table 1*).

On March 16, 2006, three additional groundwater monitoring wells, MW-8 through MW-10, were installed to further delineate hydrocarbon migration within the groundwater. During the installation of the monitor wells, one foot core samples were collected at 5, 10, 15 and 20 feet bgs from MW-8 and at 5, 10 and 15-feet bgs from MW-9 and MW-10. A portion of each sample was placed in a laboratory provided container and set on ice for transport to an independent laboratory for quantification of TPH and BTEX constituent concentrations. The remaining portion of each sample was analyzed in the field for the presence of organic vapor concentrations. Field analyses indicated organic vapor concentrations ranged from 0.0 to 267 ppm (reference *Figure 5* and *Table 1*).

On May 3, 2006, a series of 39 soil samples were collected from the excavation sidewalls at 10-feet bgs. A portion of each sample was immediately placed on ice for transport to an independent laboratory. The remaining portion of each sample was analyzed in the field for the presence of organic vapors utilizing a MiniRae PID equipped with a 10.6 eV lamp. Field analyses indicated organic vapor concentrations ranged from 12.0 to 149 ppm. Based on field analyses, 18 of the samples were submitted for laboratory quantification of TPH and BTEX constituent concentrations (reference *Figure 8* and *Table 2*).

Groundwater monitoring and sampling activities are conducted on a quarterly basis and PSH recovery has been conducted on a monthly basis. Please refer to the *2005 Plains Pipeline Junction 34 to Lea Annual Monitoring Report* for further information concerning groundwater monitoring activities.

4.0 Laboratory Analyses

Laboratory analyses of soil sample SEJ4121702SP collected from the initial excavation stockpile on December 17, 2002 indicated TPH concentrations were 2,030 mg/Kg, above the NMOCD remedial threshold of 100 mg/Kg (reference *Table 1*).

Laboratory analytical data for soil samples collected from soil boring BH-1 indicated benzene concentrations at 2-feet bgs were 13.9 mg/Kg, above the NMOCD remedial threshold of 10 mg/Kg. Laboratory analyses of the remaining samples indicated benzene concentrations ranged from non-detectable (ND) at or above laboratory method detection limits (MDL) to 0.0959

mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 543 mg/Kg, above the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses of the remaining samples indicated BTEX concentrations ranged from ND to 19.8 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations for all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg, with the exception of the sample collected at 20-feet bgs which was ND at or above laboratory MDL (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-2 indicated benzene concentrations at 2-feet bgs were 86.6 mg/Kg, above the NMOCD remedial threshold of 10 mg/Kg. Laboratory analyses of the remaining samples indicated benzene concentrations ranged from 0.100 to 0.211 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 1,670 mg/Kg, above the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses of the remaining samples indicated BTEX concentrations ranged from 14.1 to 25.9 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg, with the exception of the sample collected at 20-feet bgs which was ND at or above laboratory MDL (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-3 indicated benzene concentrations ranged from ND to 1.36 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 124 mg/Kg, above the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses of the remaining samples indicated BTEX concentrations ranged from 0.06 to 17.7 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-4 indicated benzene concentrations at 2-feet bgs were 40.8 mg/Kg, above the NMOCD remedial threshold of 10 mg/Kg. Laboratory analyses of the remaining samples indicated benzene concentrations ranged from ND at or above laboratory MDL to 0.125 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 533 mg/Kg, above the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses of the remaining samples indicated BTEX concentrations ranged from 0.060 to 1.14 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations at 2-feet bgs were 8,530 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg. Reported TPH concentrations in the remaining samples ranged from ND to 51.6 mg/Kg, below the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-5 indicated benzene concentrations ranged from ND at or above laboratory detection limits (MDL) to 0.521 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 0.428 to 30.5 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg, with the exception of the sample collected at 5-feet bgs which was reported at 58.3 (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-6 indicated benzene concentrations ranged from ND at or above laboratory MDL to 7.61 mg/Kg, below NMOCD

remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 344 mg/Kg, above the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses of the remaining samples indicated BTEX concentrations ranged from 0.319 to 28.6 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-7 indicated benzene concentrations ranged from ND at or above laboratory MDL to 2.19 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 4.02 to 47.7 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from soil boring BH-8 indicated benzene concentrations ranged from ND at or above laboratory MDL to 4.34 mg/Kg, below NMOCD remedial threshold of 10 mg/Kg; with the exception of the sample collected at 15-feet bgs, which was 11.6 mg/Kg. Reported BTEX constituent concentrations at 2 and 15-feet bgs were 311 and 255 mg/Kg, respectively, in excess of the NMOCD remedial threshold of 50 mg/Kg. BTEX constituent concentrations in the remaining sampling intervals (i.e., 5 and 10-feet bgs) were 5.67 and 0.060 mg/Kg, respectively, below the NMOCD remedial threshold of 50 mg/Kg. Analytical data indicated TPH concentrations in all samples were in excess of the NMOCD remedial threshold of 100 mg/Kg, with the exception of the sample collected at 10-feet bgs which was reported at 13.1 mg/Kg (reference *Figure 4, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-1 on April 8, 2003 indicated benzene concentrations ranged from ND to 0.0206 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 0.575 to 10.33 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 1,210 to 3,050 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-2 on April 8, 2003 indicated benzene concentrations ranged from ND to 0.146 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 7.03 to 40.6 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 1,860 to 2,250 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-3 on April 10, 2003 indicated benzene concentrations ranged from ND to 0.827 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations at 2-feet bgs were 88.1 mg/Kg, in excess of the NMOCD remedial threshold of 50 mg/Kg. The remaining sampling intervals (i.e., 13 and 18-feet bgs) were 21.1 and 2.75 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 352 to 2,970 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from the stockpiled soil on June 10, 2003 indicated benzene concentrations ranged from ND to 0.066 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 0.220 to 24.7 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 320 to 3,480 mg/Kg, below the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 6, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-4 on May 21, 2004 indicated benzene concentrations were ND at or above laboratory MDL. Reported BTEX constituent concentrations ranged from ND to 7.35 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 202 to 2,260 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-5 on May 13, 2004 indicated benzene concentrations ranged from ND at or above laboratory MDL to 0.032 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from 0.767 to 7.39 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations were reported to range from 1,960 to 3,840 mg/Kg, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-6 on May 17, 2004 indicated BTEX constituent concentrations were ND at or above laboratory MDL. TPH concentrations were reported to range from ND to 11.0 mg/Kg, below the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-7 on May 14, 2004 indicated BTEX constituent concentrations were ND at or above laboratory MDL. Reported TPH concentration was 35.4 mg/Kg, below the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-8 on May 16, 2006 indicated BTEX constituent and TPH concentrations were ND at or above laboratory MDL (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-9 on May 16, 2006 indicated BTEX constituent concentrations were ND at or above laboratory MDL. TPH concentrations were reported to range from ND to 57.0, below the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analyses of soil samples collected during the installation of MW-10 on May 16, 2006 indicated benzene concentrations ranged from ND to 0.595 mg/Kg, below the NMOCD remedial threshold of 10 mg/Kg. Reported BTEX constituent concentrations ranged from ND to 3.03 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. TPH concentrations at 2-foot bgs were ND at or above laboratory MDL. The remaining sampling intervals (i.e., 10 and 15-foot bgs) were reported at 574 and 150 mg/Kg, respectively, in excess of the NMOCD remedial threshold of 100 mg/Kg (reference *Figure 5, Table 1 and Appendix I*).

Laboratory analytical data for soil samples collected from the excavation on May 3, 2006 indicated benzene concentrations were ND at or above laboratory MDL in all samples. Reported BTEX constituent concentrations ranged from ND to 0.757 mg/Kg, below the NMOCD remedial threshold of 50 mg/Kg. Laboratory analyses indicated TPH concentrations were above the NMOCD remedial threshold of 100 mg/Kg in all samples, with the exception of samples SW-10 (10'), SW-31 (10'), SW-34 (10') and SW-39 (10') (reference *Figure 8, Table 2 and Appendix I*).

5.0 Groundwater Monitoring Summary

Please refer to *Plains Pipeline Junction 34 to Lea 2005 Annual Monitoring Report* for further information and background concerning groundwater monitoring activities.

6.0 Soil Status

Based on laboratory analyses of samples collected during the installation of groundwater monitoring wells MW-4 and MW-5, TPH concentrations in soil outside the current excavation is impacted above the NMOCD remedial threshold of 100 mg/Kg to 15-feet bgs. Field and laboratory analyses of soil samples collected on May 3, 2006 from the excavation sidewalls at 10-feet bgs indicate TPH concentrations in excess of the NMOCD remedial threshold in nearly all sample locations.

7.0 Status and Recommendations

Based on field and analytical results collected during the advancement of the soil borings and installation of the groundwater monitoring wells and soil samples collected from the excavation, the following recommendations are made in regards to the soil remediation at the site:

- 1) Based on laboratory analytical data:
 - a) Excavate additional hydrocarbon impacted soil in the vicinity of groundwater monitoring wells MW-4 and MW-5 from ground surface to groundwater. Excavate hydrocarbon impacted soil from the sidewalls until field analyses indicates remedial goals have been achieved. Any clean overburden will be separated from impacted soil via field analyses of soil samples collected from every 250-cubic yards of excavated soil (reference *Figure 9*).
 - b) Collect soil samples from the excavation sidewalls and clean overburden (if any) and submit to an independent laboratory for verification that NMOCD remedial thresholds have been achieved.
 - c) Place clean sand in the lower portions of the excavation which are below the water table to an elevation one foot above the water table.
 - d) Install an impermeable poly-vinyl chloride barrier to prevent vertical migration of hydrocarbon residuals.
- 2) Backfill the excavation with excavated, stockpiled soil after blending to less than 10 mg/Kg benzene, 50 mg/Kg total BTEX and 1,000 mg/Kg TPH to a depth of three feet bgs. The upper three feet will be backfilled with non-impacted native soil pursuant to Plains' agreement with the landowner.

three feet will be backfilled with non-impacted native soil pursuant to Plains' agreement with the landowner.

- 3) Contour/grade the area to allow natural drainage and seed the area with a mixture suitable to the landowner.

EPI, on behalf of Plains requests formal written approval from the NMOCD to implement these proposed remedial activities.

FIGURES

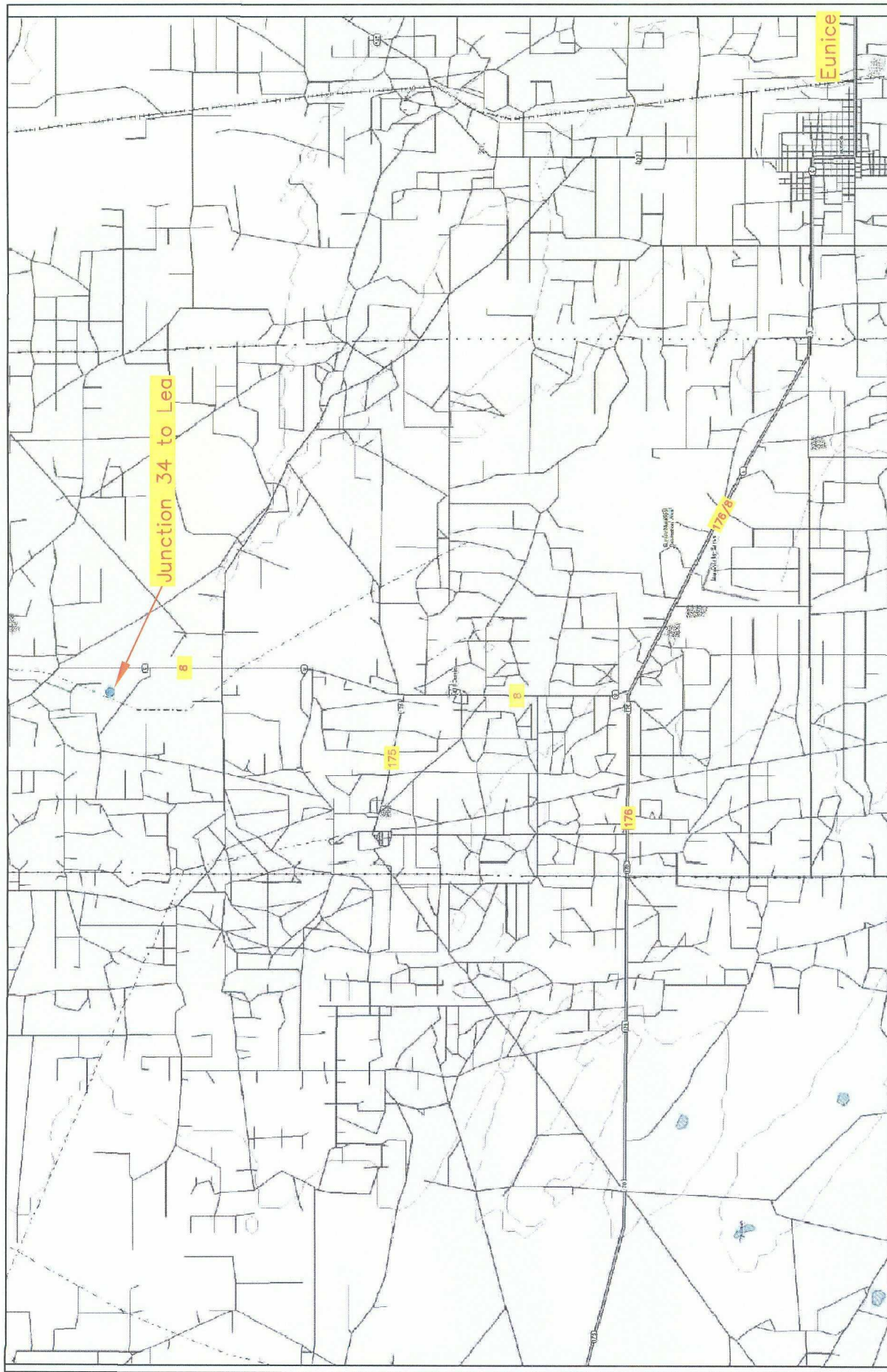


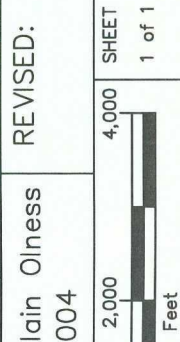
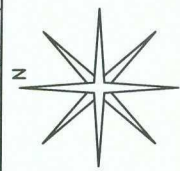
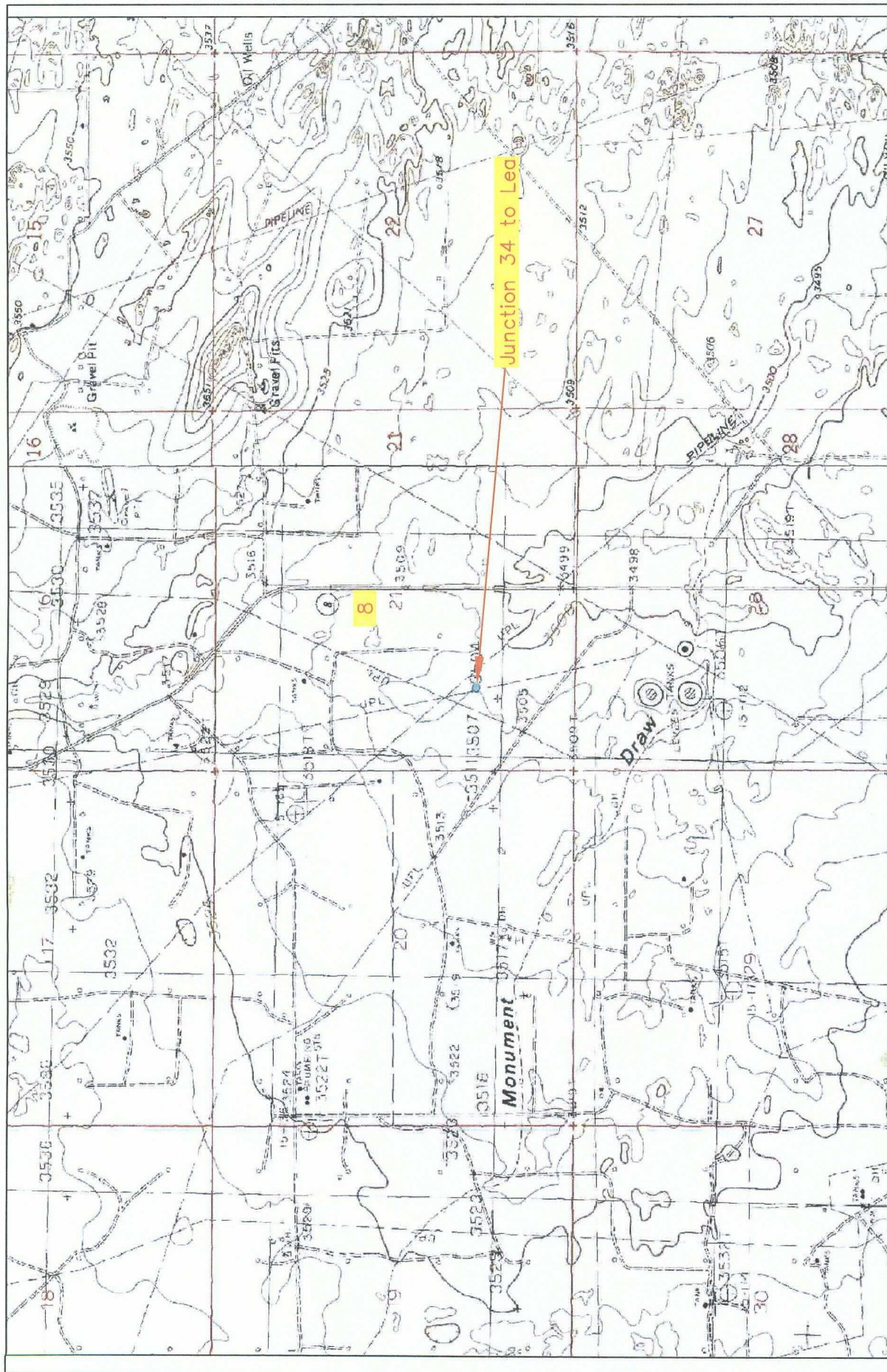
Figure 1
Area Map
Plains All American Pipeline, LP
Junction 34 to Lea

Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 21, T20S, R37E
N 32° 33' 18.8" W 103° 15' 39.7"
Elevation: 3,505 feet amsl

DWG By: Iain Olness
April 2004

REVISED:
JAN 2005

0 8,000 16,000
Feet
SHEET
1 of 1

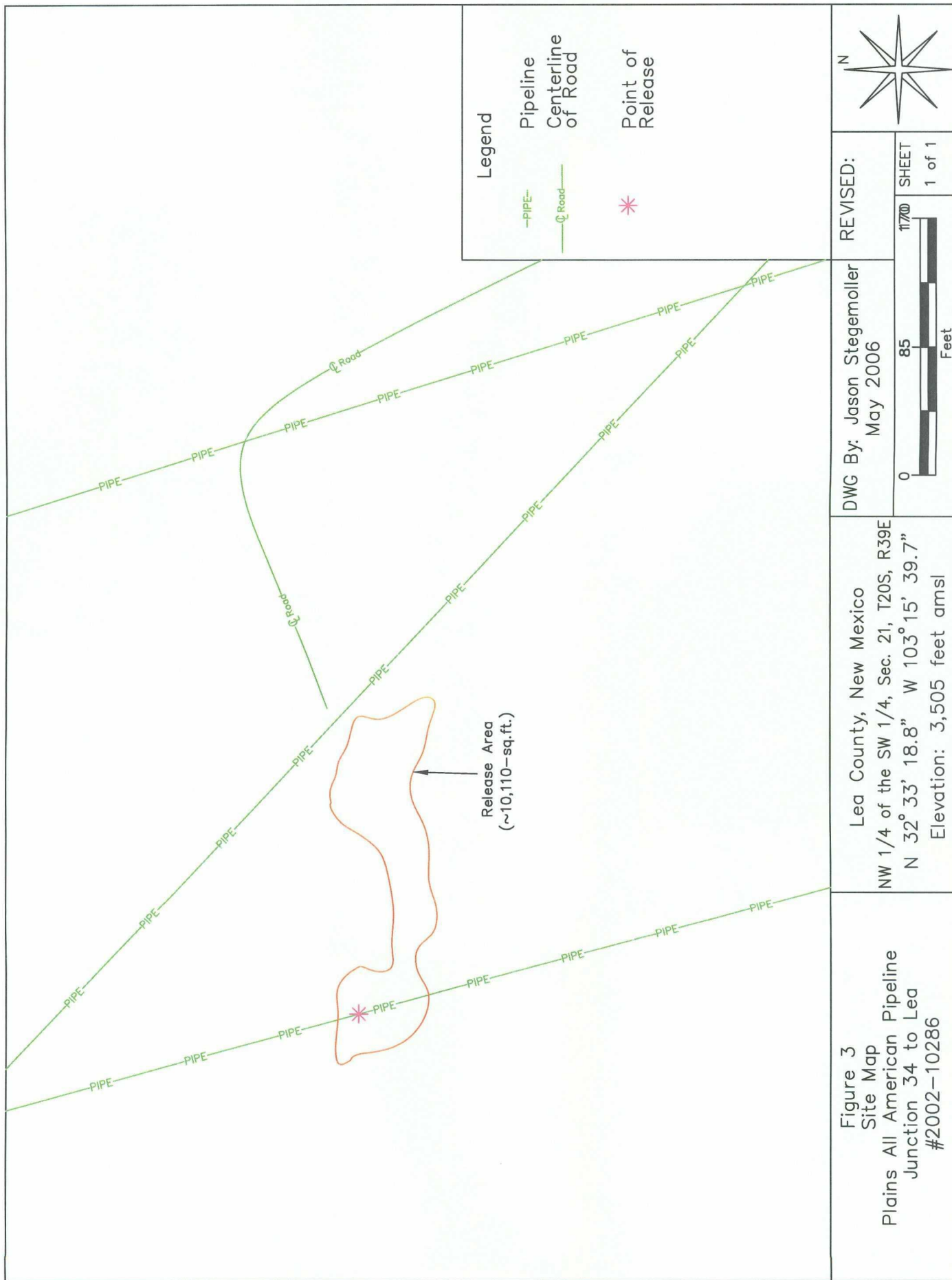


DWG By: Iain Olness
April 2004

REVISED:

Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 21, T20S, R37E
N 32° 33' 18.8" W 103° 15' 39.7"
Elevation: 3,505 feet amsl

Figure 2
Site Location Map
Plains All American Pipeline, LP
Junction 34 to Lea



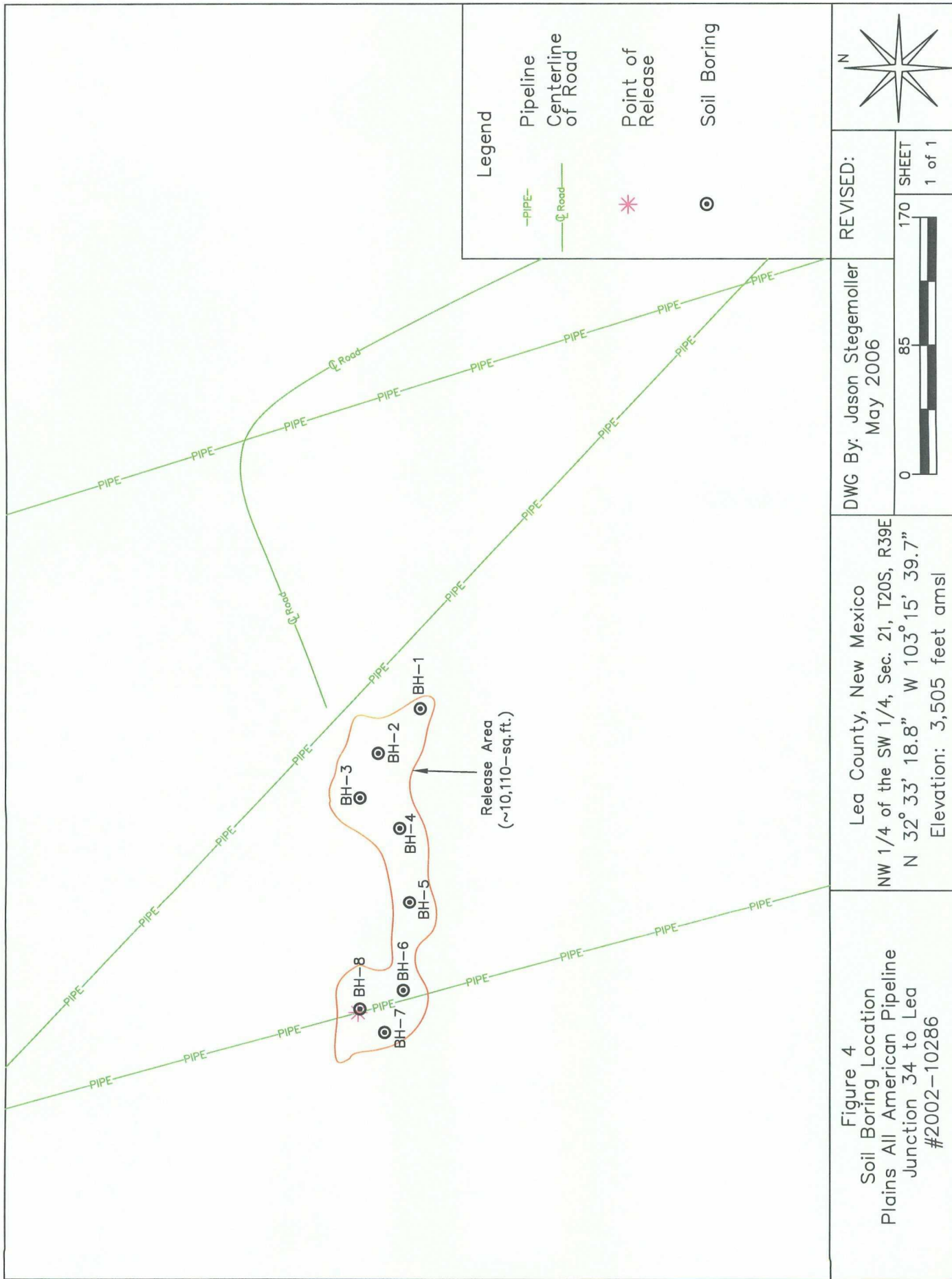


Figure 4
Soil Boring Location
Plains All American Pipeline
Junction 34 to Lea
#2002-10286

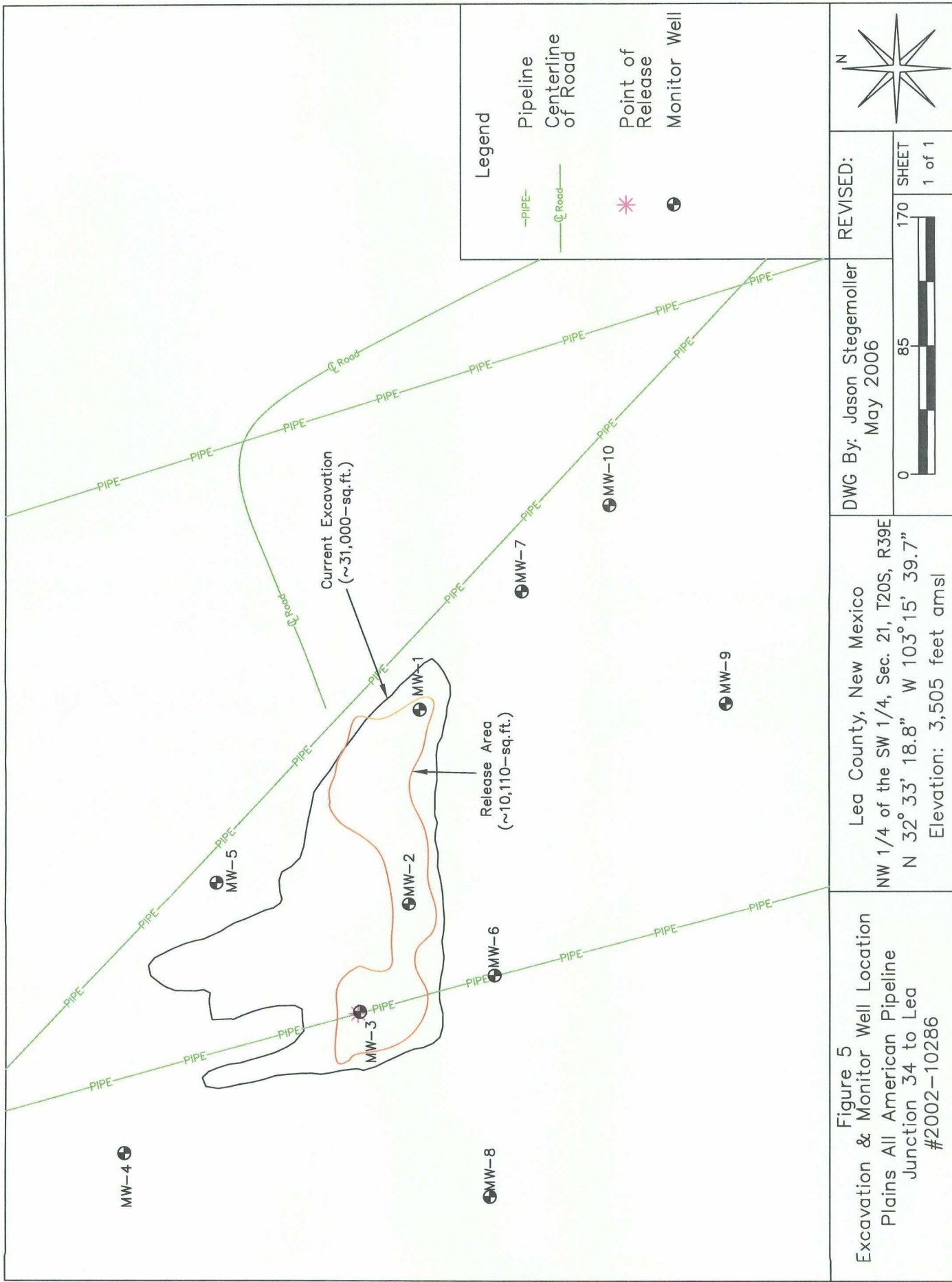
Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 21, T20S, R39E
N 32° 33' 18.8" W 103° 15' 39.7"
Elevation: 3,505 feet amsl

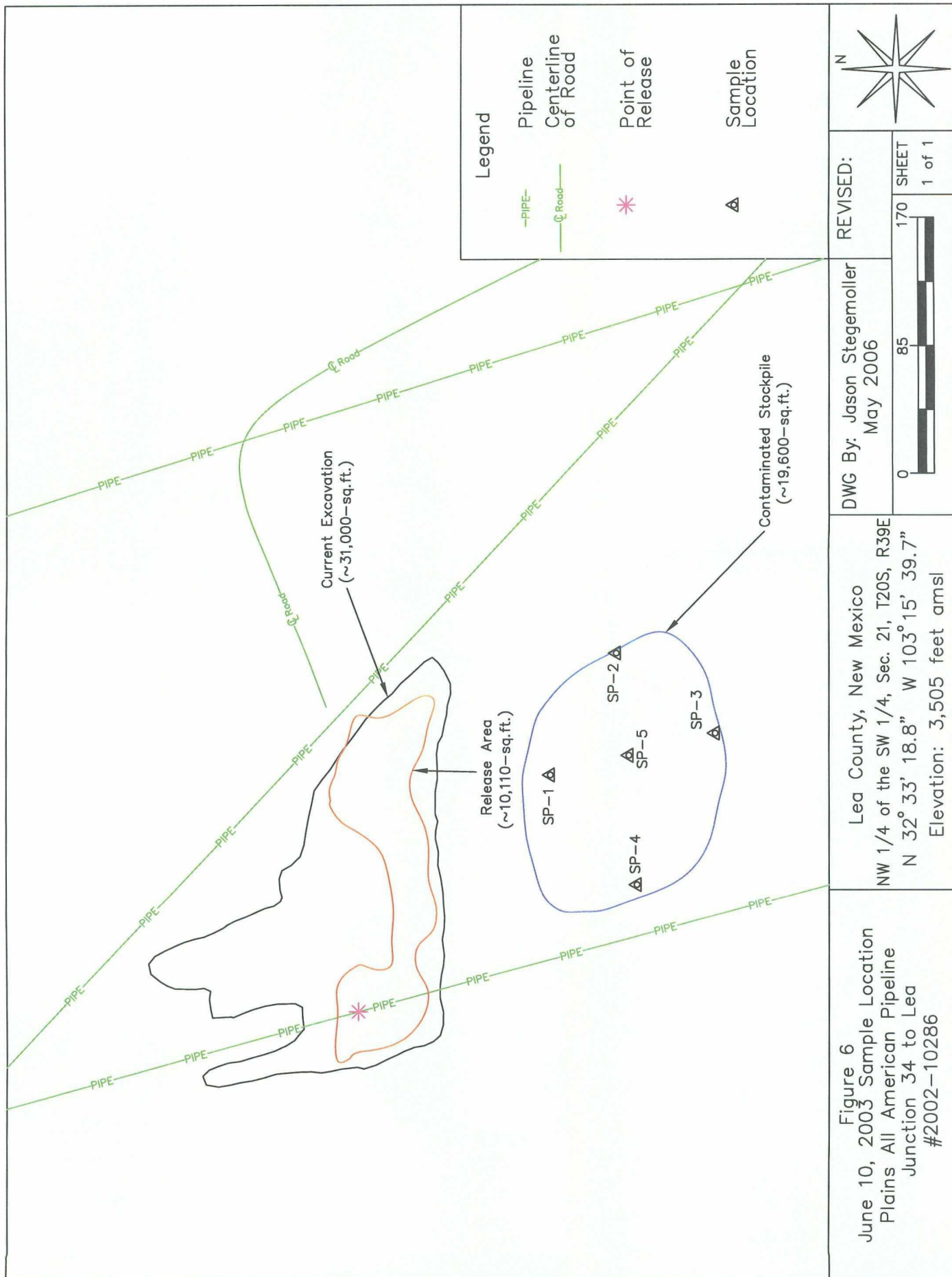
DWG By: Jason Stegemoller
May 2006

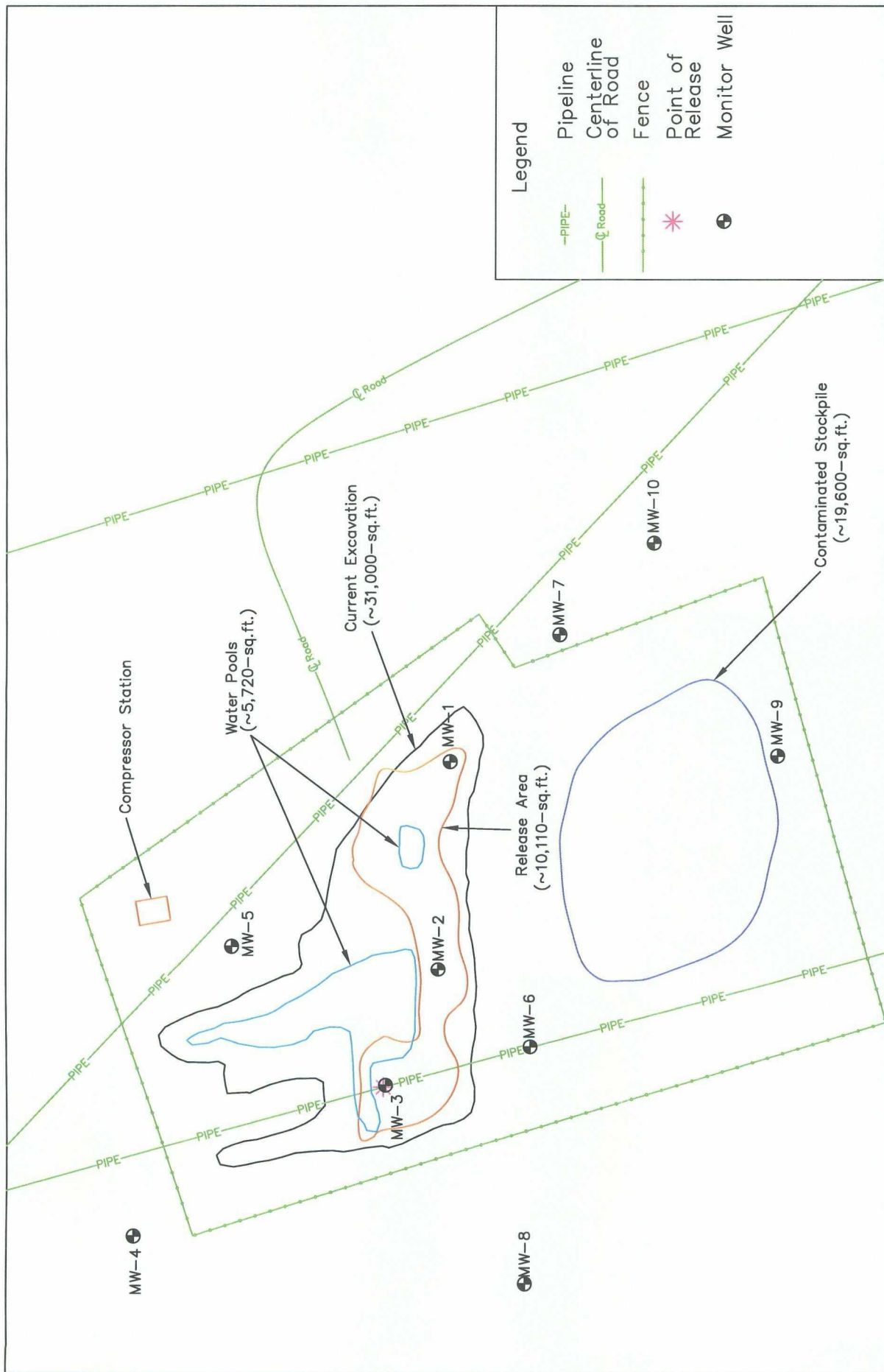
REVISED:
170
85
0
SHEET
1 of 1

Legend

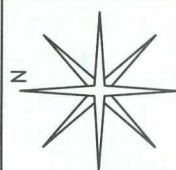
PIPE-
Centerline of Road
Point of Release
Soil Boring







- Legend**
- PIPE—
 - Road
 - Fence
 - * Point of Release
 - Monitor Well



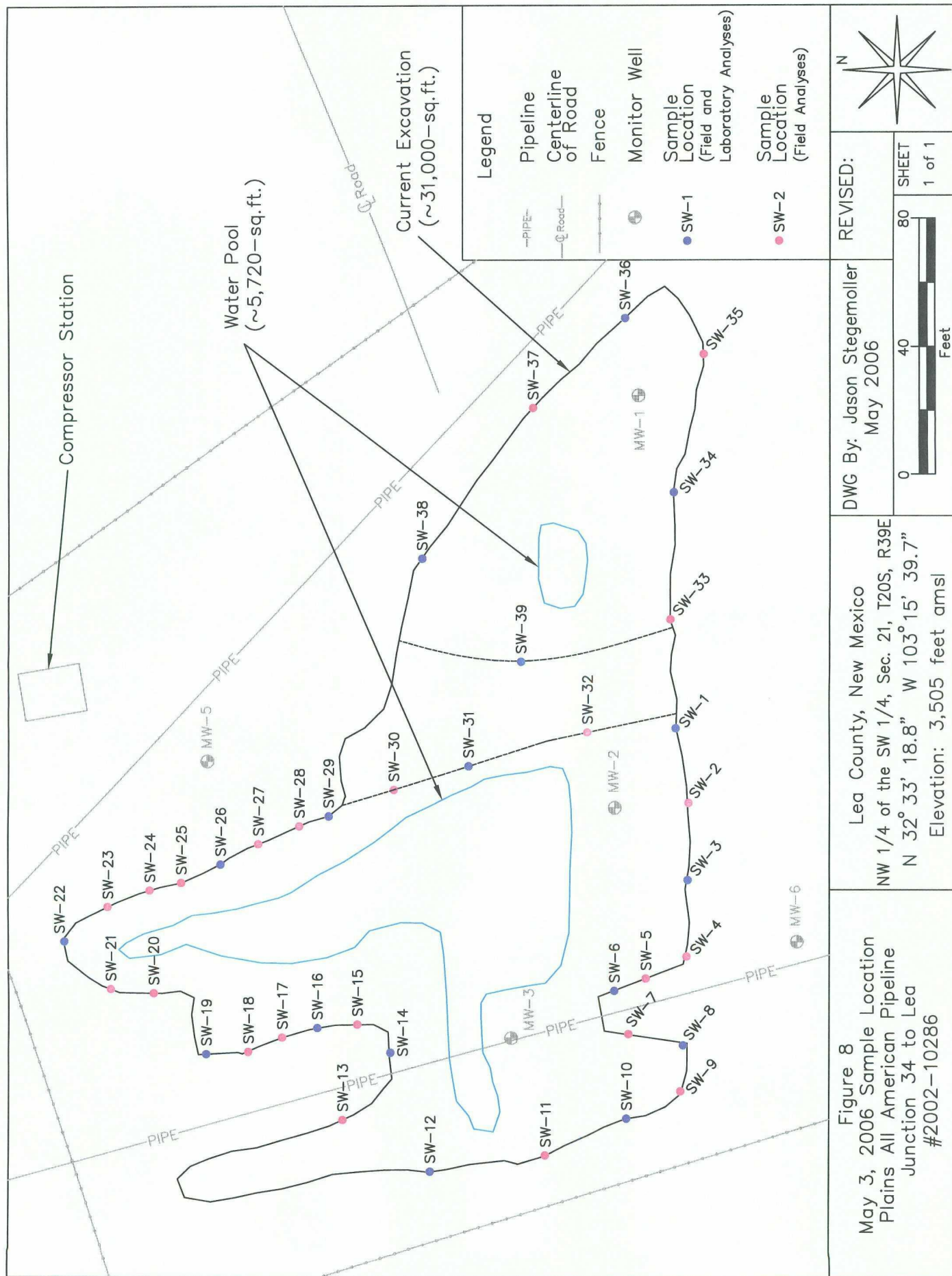
REVISED:

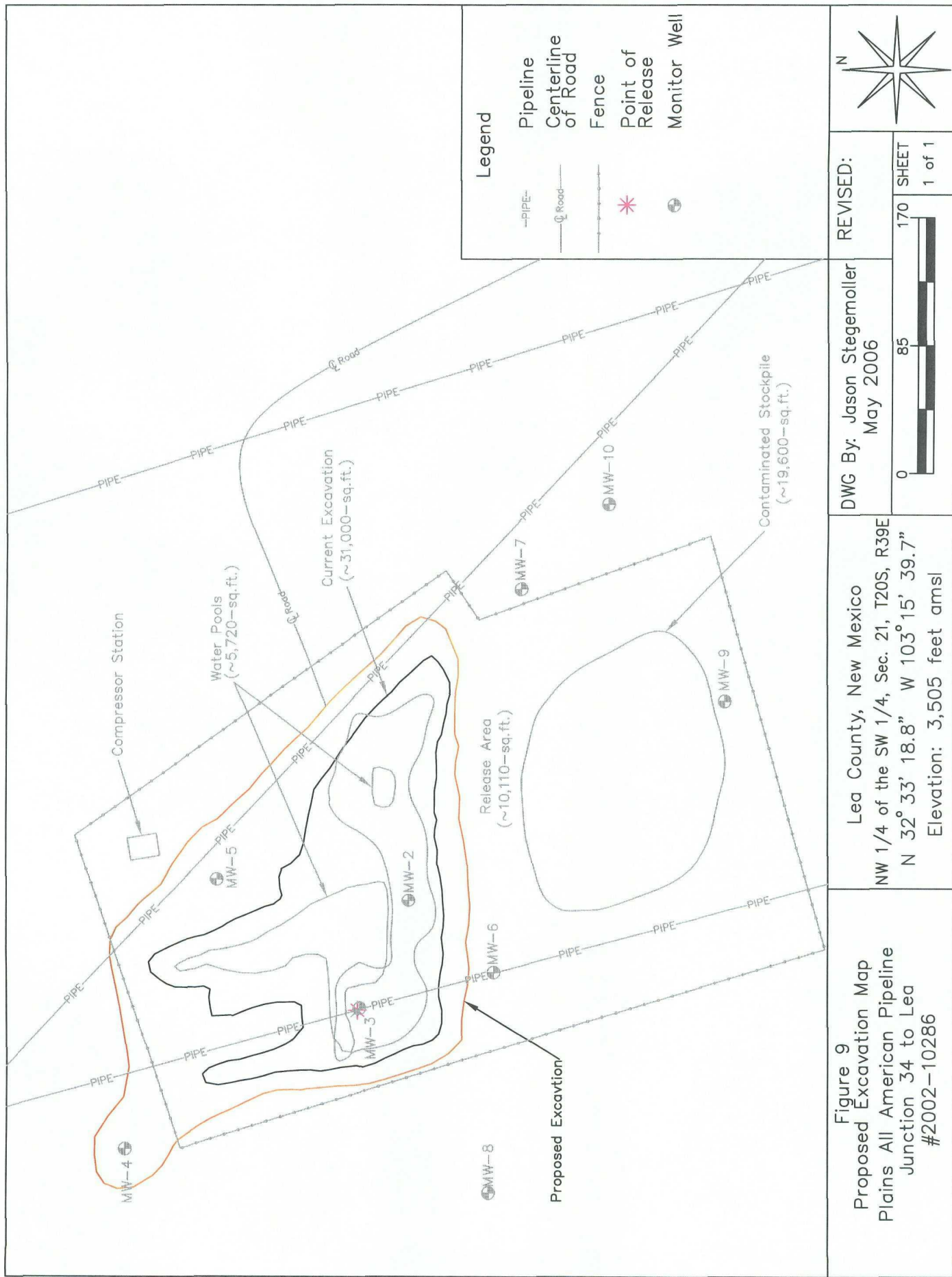
DWG By: Jason Stegemoller
May 2006



Lea County, New Mexico
NW 1/4 of the SW 1/4, Sec. 21, T20S, R39E
N 32° 33' 18.8" W 103° 15' 39.7"
Elevation: 3,505 feet amsl

Figure 7
Current Status
Plains All American Pipeline
Junction 34 to Lea
#2002-10286





TABLES

TABLE 1

Summary of Initial Soil Sample and Soil Boring Analytical Results

Plains Pipeline, LP - Junction 34 to Lea (Ref.# 2002-10286)

Sample Location	Sample I.D.	Depth (feet)	Soil Status	Sample Date	Field Analysis for Organic Vapors (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
Stockpile	SEJ4121702SP	--	--	17-Dec-02	--	--	--	--	--	--	--	--	2,030
Borehole 1	SEJCT342603BH1-2	2	In Situ	06-Feb-03	892	13.9	205	141	183	543	3,770	6,350	10,100
	SEJCT342603BH1-5	5	In Situ	06-Feb-03	175	0.0371	0.445	0.565	0.870	1.92	22.3	232	254
	SEJCT342603BH1-10	10	In Situ	06-Feb-03	30.2	<0.020	0.092	0.213	0.376	0.681	14.3	265	279
	SEJCT342603BH1-15	15	In Situ	06-Feb-03	74.3	0.0959	0.101	0.146	0.137	0.480	401	3,940	4,340
	SEJCT342603BH1-20	20	In Situ	06-Feb-03	5.4	0.186	<0.020	0.188	0.135	0.509	<5.0	<5.0	<10.0
Borehole 2	SEJCT342603BH2-2	2	In Situ	06-Feb-03	1,740	86.6	619	436	531	1,670	9,950	13,000	23,000
	SEJCT342603BH2-5	5	In Situ	06-Feb-03	425	0.191	2.85	2.09	20.8	25.9	<5.0	89.3	89
	SEJCT342603BH2-10	10	In Situ	06-Feb-03	850	0.211	0.681	8.71	10.6	20.3	336	637	973
	SEJCT342603BH2-15	15	In Situ	06-Feb-03	603	0.100	0.267	6.69	7.07	14.1	259	497	756
	SEJCT342603BH3-2	2	In Situ	06-Feb-03	760	1.36	30.0	34.9	57.7	124	1,150	2,550	3,700
Borehole 3	SEJCT342603BH3-5	5	In Situ	06-Feb-03	12.7	<0.020	0.022	<0.020	0.040	0.062	<5.0	204	204
	SEJCT342603BH3-10	10	In Situ	06-Feb-03	273	0.022	0.0272	0.0559	0.132	0.237	31.8	238	270
	SEJCT342603BH3-15	15	In Situ	06-Feb-03	860	0.112	0.0673	5.60	11.9	17.7	631	1,620	2,250
	SEJCT342603BH4-2	2	In Situ	06-Feb-03	1,510	40.8	214	136	142	533	3,760	4,770	8,530
	SEJCT342603BH4-5	5	In Situ	06-Feb-03	42.3	0.0658	0.979	0.0368	0.055	1.14	<5.0	51.6	51.6
Borehole 4	SEJCT342603BH4-10	10	In Situ	06-Feb-03	4.90	<0.020	0.020	<0.020	0.040	0.060	<5.0	<5.0	<10.0
	SEJCT342603BH4-15	15	In Situ	06-Feb-03	55.2	0.125	0.0541	0.109	0.082	0.370	<5.0	13.4	13.4
	SEJCT3421103BH5-2	2	In Situ	11-Feb-03	260	0.521	7.62	9.36	13.0	30.5	2,070	10,200	12,300
	SEJCT3421103BH5-5	5	In Situ	11-Feb-03	430	<0.020	0.308	1.02	1.48	2.81	<5.0	58.3	58.3
	SEJCT3421103BH5-10	10	In Situ	11-Feb-03	228	<0.020	0.167	0.333	0.445	0.945	7.81	105	113
Borehole 5	SEJCT3421103BH5-15	15	In Situ	11-Feb-03	130	<0.020	0.081	0.143	0.204	0.428	163	745	908
	SEJCT3421103BH6-2	2	In Situ	11-Feb-03	1,370	7.61	102	100	134	344	2,470	5,230	7,700
	SEJCT3421103BH6-5	5	In Situ	11-Feb-03	897	0.523	4.67	4.09	5.52	14.8	101	436	537
	SEJCT3421103BH6-10	10	In Situ	11-Feb-03	219	<0.020	0.0227	0.108	0.188	0.319	31.3	310	341
	SEJCT3421103BH6-15	15	In Situ	11-Feb-03	795	0.117	0.209	10.1	18.2	28.6	624	741	1,370
Borehole 6	SEJCT3421103BH7-2	2	In Situ	11-Feb-03	59.7	0.61	3.50	4.79	7.10	16.0	420	9,090	9,510
	SEJCT3421103BH7-5	5	In Situ	11-Feb-03	485	<0.020	0.356	1.30	2.37	4.02	901	1,400	2,300
	SEJCT3421103BH7-10	10	In Situ	11-Feb-03	555	1.16	0.333	19.3	9.40	30.2	1,070	1,010	2,080
	SEJCT3421103BH7-15	15	In Situ	11-Feb-03	650	2.19	0.111	41.6	3.84	47.7	1,770	2,940	4,710
	SEJCT3421103BH8-2	2	In Situ	11-Feb-03	1,032	4.34	85.0	92.6	129	311	3,190	5,640	8,830
Borehole 7	SEJCT3421103BH8-5	5	In Situ	11-Feb-03	550	0.694	1.70	2.99	0.286	5.67	663	2,780	3,440
	SEJCT3421103BH8-10	10	In Situ	11-Feb-03	59.6	<0.020	0.020	<0.020	0.040	0.060	<5.0	13.1	13.1
	SEJCT3421103BH8-15	15	In Situ	11-Feb-03	1,320	11.6	86.8	78.7	78.1	255	6,520	7,410	13,900

TABLE 1

Summary of Initial Soil Sample and Soil Boring Analytical Results

Plains Pipeline, LP - Junction 34 to Lea (Ref.# 2002-10286)

Sample Location	Sample I.D.	Depth (feet)	Soil Status	Sample Date	Field Analysis for Organic Vapors (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
Monitor Well 1	SEJ344803BH1A-8	8	In Situ	08-Apr-03	659	<0.020	0.0384	3.37	6.92	10.33	1,040	2,010	3,050
	SEJ344803BH1A-13	13	In Situ	08-Apr-03	918	<0.020	<0.02	1.88	3.33	5.21	469	1,000	1,470
	SEJ344803BH1A-18	18	In Situ	08-Apr-03	1,021	0.0206	4.03	4.57	2.45	0.575	383	827	1,210
Monitor Well 2	SEJ344803BH2A-8	8	In Situ	08-Apr-03	825	<0.020	0.127	2.22	4.68	7.03	411	1,450	1,860
	SEJ344803BH2A-13	13	In Situ	08-Apr-03	1,850	0.095	0.180	14.5	22.4	37.2	732	1,280	2,012
	SEJ344803BH2A-18	18	In Situ	08-Apr-03	1,810	0.146	2.08	14.7	23.7	40.6	772	1,480	2,250
Monitor Well 3	SEJ344803BH3A-8	8	In Situ	10-Apr-03	1,480	0.827	22.7	26.0	39.4	88.1	909	2,060	2,970
	SEJ344803BH3A-13	13	In Situ	10-Apr-03	1,000	<0.020	0.143	9.33	11.6	21.1	513	979	1,490
	SEJ344803BH3A-18	18	In Situ	10-Apr-03	865	0.022	0.053	1.33	1.34	2.75	122	230	352
Stockpile 1	SEJCT34061003SP1	--	Excavated	10-Jun-03	--	0.025	0.043	0.105	0.898	1.070	79.8	240	320
Stockpile 2	SEJCT34061003SP2	--	Excavated	10-Jun-03	--	0.029	<0.025	0.046	0.145	0.220	95.6	816	912
Stockpile 3	SEJCT34061003SP3	--	Excavated	10-Jun-03	--	0.041	0.125	0.148	3.560	3.87	315	1,070	1,390
Stockpile 4	SEJCT34061003SP4	--	Excavated	10-Jun-03	--	0.066	2.08	3.57	19.0	24.716	1,030	2,450	3,480
Stockpile 5	SEJCT34061003SP5	--	Excavated	10-Jun-03	--	<0.025	<0.025	0.048	0.331	0.379	79.9	517	597
Monitor Well 4	LEJ34052104MW4 (5')	5	In Situ	21-May-04	0.0	<0.020	<0.020	<0.020	<0.060	<0.120	<5	202	202
	LEJ34052104MW4 (15')	15	In Situ	21-May-04	133	<0.020	<0.020	2.57	4.78	7.35	388	1,870	2,260
Monitor Well 5	LEJ34051304MW5 (5')	5	In Situ	13-May-04	46.8	<0.0250	0.0696	0.112	0.585	0.767	300	1,660	1,960
	LEJ34051304MW5 (10')	10	In Situ	13-May-04	145	0.032	0.302	2.15	4.91	7.39	851	3,990	3,840
	LEJ34051304MW5 (15')	15	In Situ	13-May-04	271	<0.0250	0.141	0.63	1.51	2.28	467	2,980	3,440
Monitor Well 6	LEJ34051704MW6 (10')	10	In Situ	17-May-04	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	11.0	11.0
	LEJ34051704MW6 (15')	15	In Situ	17-May-04	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<10.0
Monitor Well 7	LEJ34051404MW7 (15')	15	In Situ	14-May-04	2.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	35.4	35.4
Monitor Well 8	MW-8 5'-6'	5-6	In Situ	16-Mar-06	4.7	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 10'-11'	10-11	In Situ	16-Mar-06	2.1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 15'-16'	15-16	In Situ	16-Mar-06	1.1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-8 20'-21'	20-21	In Situ	16-Mar-06	0.8	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
Monitor Well 9	MW-9 5'-6'	5-6	In Situ	16-Mar-06	1	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	57.0	57.0
	MW-9 10'-11'	10-11	In Situ	16-Mar-06	2	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-9 15'-16'	15-16	In Situ	16-Mar-06	2	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
Monitor Well 10	MW-10 5'-6'	5-6	In Situ	16-Mar-06	7	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	<10.0	<10.0
	MW-10 10'-11'	10-11	In Situ	16-Mar-06	3	<0.0010	<0.0010	<0.0010	<0.0020	<0.0050	<10.0	574	574
	MW-10 15'-16'	15-16	In Situ	16-Mar-06	242	0.0595	0.247	1.35	1.37	3.03	31.9	118	150
NMOC Remedial Thresholds					100	10				50			100

Bolted values are in excess of NMOC remediation thresholds and/or MOC groundwater standards.

A Estimated concentration, analyte detected below method detection limits

B Detected, but below the Reporting Limit; therefore, result is an estimated concentration.

TABLE 2

**Summary of May 3, 2006 Soil Sample Analytical Results
Plains Pipeline, LP - Junction 34 to Lea (Ref.# 2002-10286)**

Sample Location	Sample I.D.	Depth (feet)	Soil Status	Sample Date	Field Analysis for Organic Vapors (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
SW-1	SW-1 (10')	10	In Situ	03-May-06	54.6	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	19.0	1,160	1,180
SW-2	SW-2 (10')	10	In Situ	03-May-06	48.7	--	--	--	--	--	--	--	--
SW-3	SW-3 (10')	10	In Situ	03-May-06	48.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	7.23 [^]	1,038	1,040
SW-4	SW-4 (10')	10	In Situ	03-May-06	59.9	--	--	--	--	--	--	--	--
SW-5	SW-5 (10')	10	In Situ	03-May-06	63.3	--	--	--	--	--	--	--	--
SW-6	SW-6 (10')	10	In Situ	03-May-06	61.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	18.5	1,160	1,180
SW-7	SW-7 (10')	10	In Situ	03-May-06	63.2	--	--	--	--	--	--	--	--
SW-8	SW-8 (10')	10	In Situ	03-May-06	65.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	29.1	1,640	1,670
SW-9	SW-9 (10')	10	In Situ	03-May-06	53.5	--	--	--	--	--	--	--	--
SW-10	SW-10 (10')	10	In Situ	03-May-06	53.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<20.0
SW-11	SW-11 (10')	10	In Situ	03-May-06	55.4	--	--	--	--	--	--	--	--
SW-12	SW-12 (10')	10	In Situ	03-May-06	57.7	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	7.45 [^]	2,330	2,330
SW-13	SW-13 (10')	10	In Situ	03-May-06	75.1	--	--	--	--	--	--	--	--
SW-14	SW-14 (10')	10	In Situ	03-May-06	18.1	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	33.8	2,580	2,610
SW-15	SW-15 (10')	10	In Situ	03-May-06	60.0	--	--	--	--	--	--	--	--
SW-16	SW-16 (10')	10	In Situ	03-May-06	109	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	160	2,780	2,940
SW-17	SW-17 (10')	10	In Situ	03-May-06	77.1	--	--	--	--	--	--	--	--
SW-18	SW-18 (10')	10	In Situ	03-May-06	53.1	--	--	--	--	--	--	--	--
SW-19	SW-19 (10')	10	In Situ	03-May-06	149	<0.0250	0.0257	0.112	0.619	0.757	799	7,660	8,460
SW-20	SW-20 (10')	10	In Situ	03-May-06	113	<0.0250	<0.0250	0.0204 [^]	0.0346	0.0346	207	2,990	3,200
SW-21	SW-21 (10')	10	In Situ	03-May-06	46.2	--	--	--	--	--	--	--	--
SW-22	SW-22 (10')	10	In Situ	03-May-06	267	<0.0250	0.0196 [^]	0.0875	0.442	0.529	1,150	7,550	8,700
SW-23	SW-23 (10')	10	In Situ	03-May-06	102	--	--	--	--	--	--	--	--
SW-24	SW-24 (10')	10	In Situ	03-May-06	100	--	--	--	--	--	--	--	--
SW-25	SW-25 (10')	10	In Situ	03-May-06	26.5	--	--	--	--	--	--	--	--
SW-26	SW-26 (10')	10	In Situ	03-May-06	547	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	66.2	66.2
SW-27	SW-27 (10')	10	In Situ	03-May-06	65.6	--	--	--	--	--	--	--	--
SW-28	SW-28 (10')	10	In Situ	03-May-06	53.8	--	--	--	--	--	--	--	--
SW-29	SW-29 (10')	10	In Situ	03-May-06	64.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	232	232
SW-30	SW-30 (10')	10	In Situ	03-May-06	46.5	--	--	--	--	--	--	--	--
SW-31	SW-31 (10')	10	In Situ	03-May-06	12.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<20.0
SW-32	SW-32 (10')	10	In Situ	03-May-06	48.2	--	--	--	--	--	--	--	--
SW-33	SW-33 (10')	10	In Situ	03-May-06	50.9	--	--	--	--	--	--	--	--
SW-34	SW-34 (10')	10	In Situ	03-May-06	541	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	50.9	50.9
SW-35	SW-35 (10')	10	In Situ	03-May-06	56.9	--	--	--	--	--	--	--	--
SW-36	SW-36 (10')	10	In Situ	03-May-06	575	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	13.5	914	928
SW-37	SW-37 (10')	10	In Situ	03-May-06	86.9	--	--	--	--	--	--	--	--
SW-38	SW-38 (10')	10	In Situ	03-May-06	61.4	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	42.0	2,740	2,780
SW-39	SW-39 (10')	10	In Situ	03-May-06	67.4	<0.0250	<0.0250	<0.0250	<0.0500	<0.125	<10.0	<10.0	<20.0
NMOCD Remedial Thresholds					100	10				50			100

[^] Eliminated concentration analyte detected below method detection limits

Bolded values are in excess of MOC Remediation Thresholds and/or MOPCC groundwater standards.

APPENDICES

APPENDIX A

Analytical Reports and Chain-of-Custody Forms

ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ
ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706

Project: Junction 34
PO#: 2002-10286
Order#: G0205277
Report Date: 12/27/2002

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706
915-684-3456

Order#: G0205277
Project: 2002-10286
Project Name: Junction 34
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0205277-01	SEJ4121702SP	SOIL	12/17/02 9:00	12/17/02 14:51	L glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 2.0 C			
8260B TCLP						
8270C Semivolatile Organics - TCLP						
METALS RCRA 7 TCLP						
Mercury, TCLP						
TPH 418.1 FTIR						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706

Order#: G0205277
Project: 2002-10286
Project Name: Junction 34
Location: None Given

Lab ID: 0205277-01
Sample ID: SEJ4121702SP

8260B TCLP

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
	12/19/02	12/20/02	5	1	CK	1311/8260B
		16:27				

Parameter	Result µg/L	RL
Carbon tetrachloride	<1	1.00
Benzene	1.06	1.00
1,2-Dichloroethane	<1	1.00
Chlorobenzene	<1	1.00
1,1-Dichloroethene	<1	1.00
1,4-Dichlorobenzene	<1	1.00
2-Butanone (MEK)	<1	1.00
Chloroform	<1	1.00
Tetrachloroethene	<1	1.00
Trichloroethene	<1	1.00
Vinyl chloride	<1	1.00

Surrogates	% Recovered	QC Limits (%)	
Dibromofluoromethane	115%	53	144
1,2-dichloroethane-d4	94%	57	147
Toluene-d8	102%	64	128
4-Bromofluorobenzene	92%	47	158

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706

Order#: G0205277
Project: 2002-10286
Project Name: Junction 34
Location: None Given

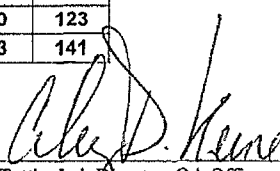
Lab ID: 0205277-01
Sample ID: SEJ4121702SP

8270C Semivolatile Organics - TCLP

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0004176-02	12/20/02	12/26/02 22:31	1	1	CK	1311/8270C

Parameter	Result µg/L	RL
Pyridine	<5	5.00
1,4-Dichlorobenzene	<5	5.00
2-Methylphenol	<5	5.00
Hexachloroethane	<5	5.00
Nitrobenzene	<5	5.00
Hexachlorobutadiene	<5	5.00
2,4,6-Trichlorophenol	<5	5.00
2,4,5-Trichlorophenol	<5	5.00
2,4-Dinitrotoluene	<5	5.00
Hexachlorobenzene	<5	5.00
Pentachlorophenol	<5	5.00
4-Methylphenol	<5	5.00

Surrogates	% Recovered	QC Limits (%)	
2-Fluorophenol	19%	21	110
Phenol-d5	15%	10	110
Nitrobenzene-d5	52%	35	114
2-Fluorobiphenyl	56%	43	116
2,4,6-Tribromophenol	89%	10	123
p-Terphenyl-d14	56%	33	141

Approval:  12/28/02
Randal K. Tuttle, Lab Director, QA Officer
Cecley D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biczugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

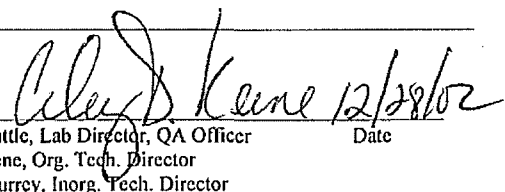
FRANK HERNANDEZ
ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706

Order#: G0205277
Project: 2002-10286
Project Name: Junction 34
Location: None Given

Lab ID: 0205277-01
Sample ID: SEJ4121702SP

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
TPH 418.1 FTIR	2030	mg/kg	1	10.0	418.1	12/19/02	SB

Approval: 

Raland K. Tuttle, Lab Director, QA Officer

Date

Celey D. Keene, Org. Tech. Director

Jeanne McMurrey, Inorg. Tech. Director

Sandra Biezugbe, Lab Tech.

Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
ENRON TRANSPORTATION SYSTEMS
5805 E. HWY. 80
MIDLAND, TX 79706

Order#: G0205277
Project: 2002-10286
Project Name: Junction 34
Location: None Given

Lab ID: 0205277-01
Sample ID: SEJ4121702SP

METALS RCRA 7 TCLP

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Arsenic	<0.008	mg/L	1	0.008	1311/6010B	12/21/2002	12/23/02	SM
Barium	0.108	mg/L	1	0.001	1311/6010B	12/21/2002	12/23/02	SM
Cadmium	<0.001	mg/L	1	0.001	1311/6010B	12/21/2002	12/23/02	SM
Chromium	<0.002	mg/L	1	0.002	1311/6010B	12/21/2002	12/23/02	SM
Lead	0.038	mg/L	1	0.011	1311/6010B	12/21/2002	12/23/02	SM
Selenium	<0.004	mg/L	1	0.004	1311/6010B	12/21/2002	12/23/02	SM
Silver	<0.002	mg/L	1	0.002	1311/6010B	12/21/2002	12/23/02	SM

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Mercury, TCLP	< 0.0005	mg/L	1	0.00050	1311 / 7470	12/21/2002	12/23/02	SM

Approval:

Celey D. Keene 12/30/02
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biczugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0205277

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, TCLP-mg/L		0004148-01			<0.0005		
TPH 418.1 FTIR-mg/kg		0004114-01			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, TCLP-mg/L		0205277-01	0	0.001	0.00109	109.0%	
TPH 418.1 FTIR-mg/kg		0205277-01	2030	2540	4640	102.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, TCLP-mg/L		0205277-01	0	0.001	0.00106	106.0%	2.8%
TPH 418.1 FTIR-mg/kg		0205277-01	2030	2540	4600	101.2%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Mercury, TCLP-mg/L		0004148-04		0.001	0.001	100.0%	
TPH 418.1 FTIR-mg/kg		0004114-04		5080	4950	97.4%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8260B TCLP

Order#: G0205277

BLANK	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Carbon tetrachloride-µg/L		0004164-02			<1		
Benzene-µg/L		0004164-02			<1		
1,2-Dichloroethane-µg/L		0004164-02			<1		
Chlorobenzene-µg/L		0004164-02			<1		
1,1-Dichloroethene-µg/L		0004164-02			<1		
1,4-Dichlorobenzene-µg/L		0004164-02			<1		
2-Butanone (MEK)-µg/L		0004164-02			<1		
Chloroform-µg/L		0004164-02			<1		
Tetrachloroethene-µg/L		0004164-02			<1		
Trichloroethene-µg/L		0004164-02			<1		
Vinyl chloride-µg/L		0004164-02			<1		
CONTROL	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Carbon tetrachloride-µg/L		0004164-03		50	44.3	88.6%	
Benzene-µg/L		0004164-03		50	45.6	91.2%	
1,2-Dichloroethane-µg/L		0004164-03		50	40.6	81.2%	
Chlorobenzene-µg/L		0004164-03		50	44.4	88.8%	
1,1-Dichloroethene-µg/L		0004164-03		50	51.4	102.8%	
1,4-Dichlorobenzene-µg/L		0004164-03		50	40.3	80.6%	
2-Butanone (MEK)-µg/L		0004164-03		100	71.8	71.8%	
Chloroform-µg/L		0004164-03		50	49.6	99.2%	
Tetrachloroethene-µg/L		0004164-03		50	37.9	75.8%	
Trichloroethene-µg/L		0004164-03		50	34.9	69.8%	
Vinyl chloride-µg/L		0004164-03		50	68.6	137.2%	
CONTROL DUP	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Carbon tetrachloride-µg/L		0004164-04		50	37.7	75.4%	16.1%
Benzene-µg/L		0004164-04		50	40.9	81.8%	10.9%
1,2-Dichloroethane-µg/L		0004164-04		50	41	82.9%	1.9%
Chlorobenzene-µg/L		0004164-04		50	39.3	78.6%	12.2%
1,1-Dichloroethene-µg/L		0004164-04		50	42.4	84.8%	19.2%
1,4-Dichlorobenzene-µg/L		0004164-04		50	36.5	73.9%	9.9%
2-Butanone (MEK)-µg/L		0004164-04		100	83.5	83.5%	15.1%
Chloroform-µg/L		0004164-04		50	47	94.9%	5.4%
Tetrachloroethene-µg/L		0004164-04		50	31.5	63.9%	18.4%
Trichloroethene-µg/L		0004164-04		50	29.6	59.2%	16.4%
Vinyl chloride-µg/L		0004164-04		50	63.7	127.4%	7.4%
SRM	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
1,1-Dichloroethene-µg/L		0004164-05		50	51.4	102.8%	
Chloroform-µg/L		0004164-05		50	51.5	103.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8260B TCLP

Order#: G0205277

<i>SRM</i>	WATER	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Vinyl chloride-µg/L		0004164-05		50	64.2	128.4%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8270C Semivolatile Organics - TCLP

Order#: G0205277

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Pyridine-µg/L		0004176-02			<5		
1,4-Dichlorobenzene-µg/L		0004176-02			<5		
2-Methylphenol-µg/L		0004176-02			<5		
Hexachloroethane-µg/L		0004176-02			<5		
Nitrobenzene-µg/L		0004176-02			<5		
Hexachlorobutadiene-µg/L		0004176-02			<5		
2,4,6-Trichlorophenol-µg/L		0004176-02			<5		
2,4,5-Trichlorophenol-µg/L		0004176-02			<5		
2,4-Dinitrotoluene-µg/L		0004176-02			<5		
Hexachlorobenzene-µg/L		0004176-02			<5		
Pentachlorophenol-µg/L		0004176-02			<5		
4-Methylphenol-µg/L		0004176-02			<5		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
1,4-Dichlorobenzene-µg/L		0004176-03		100	63.2	63.2%	
2,4-Dinitrotoluene-µg/L		0004176-03		100	82.7	82.7%	
Pentachlorophenol-µg/L		0004176-03		200	201	100.5%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
1,4-Dichlorobenzene-µg/L		0004176-04		100	64	64.0%	1.3%
2,4-Dinitrotoluene-µg/L		0004176-04		100	82	82.0%	0.9%
Pentachlorophenol-µg/L		0004176-04		200	205	102.5%	2.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
1,4-Dichlorobenzene-µg/L		0004176-05		50	42	84.0%	
Hexachlorobutadiene-µg/L		0004176-05		50	48	96.0%	
2,4,6-Trichlorophenol-µg/L		0004176-05		50	40	80.0%	
Pentachlorophenol-µg/L		0004176-05		50	37	74.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

METALS RCRA 7 TCLP

Order#: G0205277

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0004147-02			<0.008		
Barium-mg/L		0004147-02			<0.001		
Cadmium-mg/L		0004147-02			<0.001		
Chromium-mg/L		0004147-02			<0.002		
Lead-mg/L		0004147-02			<0.011		
Selenium-mg/L		0004147-02			<0.004		
Silver-mg/L		0004147-02			<0.002		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0004147-03		0.8	0.768	96.4%	
Barium-mg/L		0004147-03		0.2	0.202	101.0%	
Cadmium-mg/L		0004147-03		0.2	0.196	98.0%	
Chromium-mg/L		0004147-03		0.2	0.192	96.0%	
Lead-mg/L		0004147-03		1.1	1.06	96.4%	
Selenium-mg/L		0004147-03		0.4	0.382	95.5%	
Silver-mg/L		0004147-03		0.1	0.084	84.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0004147-04		0.8	0.78	97.5%	1.6%
Barium-mg/L		0004147-04		0.2	0.201	100.5%	0.5%
Cadmium-mg/L		0004147-04		0.2	0.196	98.0%	0.0%
Chromium-mg/L		0004147-04		0.2	0.193	96.5%	0.5%
Lead-mg/L		0004147-04		1.1	1.06	96.4%	0.0%
Selenium-mg/L		0004147-04		0.4	0.377	94.3%	1.3%
Silver-mg/L		0004147-04		0.1	0.084	84.0%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0004147-05		1	1.02	102.0%	
Barium-mg/L		0004147-05		1	1.02	102.0%	
Cadmium-mg/L		0004147-05		1	0.978	97.8%	
Chromium-mg/L		0004147-05		1	1.01	101.0%	
Lead-mg/L		0004147-05		1	0.968	96.8%	
Selenium-mg/L		0004147-05		1	0.995	99.5%	
Silver-mg/L		0004147-05		0.5	0.532	106.4%	

12600 West I-20 East
Odessa Texas 79763

Sampler Signature:

PO#:

[illegible]

12600 West I-20 East
Odessa Texas 79763

Project Name: JUNCTION 34

Project #: 2002-10286

Project Loc:

PO#:

Telephone No: 915-556-0190

Carly F. Clark

[illegible]



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139261 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BHI-2

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	6350	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	3770	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	13900	µg/Kg	1000	<1000	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	141000	µg/Kg	1000	<1000	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	127000	µg/Kg	1000	<1000	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	55900	µg/Kg	1000	<1000	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	205000	µg/Kg	1000	<1000	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJCT342603BH1-2	Report#/Lab ID#: 139261 Sample Matrix: soil
---	---	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 50X	D
Toluene-d8	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139261	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJC1342603BH1-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139262 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH1-5

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 08:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	232	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	22.3	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	37.1	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	565	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	580	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	290	µg/Kg	20	<20	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	445	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH1-5

Report#/Lab ID#: 139262
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	56.3	50-150	---
	8015 mod.	64.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	98.8	65-115	---
	8260b	104	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Euine NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139263 **Report Date:** 02/24/03
Project ID: 2002-10286
Sample Name: SEJCT342603BHI-10
Sample Matrix: soil
Date Received: 02/12/2003 **Time:** 10:35
Date Sampled: 02/06/2003 **Time:** 08:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	265	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	14.3	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/13/03	8260b	J	2.9	98.8	99	99.7
Ethylbenzene	213	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	249	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	127	µg/Kg	20	<20	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	92	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH1-10

Report#/Lab ID#: 139263

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	58.9	50-150	---
	8015 mod.	67.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	90.9	65-115	---
	8260b	112	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139263	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT342603BH1-10		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 139264 Report Date: 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH1-15

Sample Matrix: soil

Date Received: 02/12/2003 Time: 10:35

Date Sampled: 02/06/2003 Time: 08:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	3940	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	401	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	95.9	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	146	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	79.3	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	57.4	µg/Kg	20	<20	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	101	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT342603BH1-15

Report#/Lab ID#: 139264
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	104	65-115	---
Toluene-d8	8260b	113	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139264	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEIJCT342603BH1-15		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139265 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH1-20

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 09:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	186	µg/Kg	20	<20	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	188	µg/Kg	20	<20	02/14/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	115	µg/Kg	20	<20	02/14/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	<20	µg/Kg	20	<20	02/14/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	<20	µg/Kg	20	<20	02/14/03	8260b	J	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 139265
Attn: Pat McCasland	Sample Name: SEJCT342603BH1-20	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	50.5	50-150	---
p-Terphenyl	8015 mod.	66.5	50-150	---
1,2-Dichloroethane-d4	8260b	94.5	65-115	---
Toluene-d8	8260b	106	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139265 **Matrix:** soil

Client: Environmental Plus, Inc.

Project ID: 2002-10286

Sample Name: SEJJCT342603BH1-20

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139266 **Report Date:** 02/24/03
Project ID: 2002-10286
Sample Name: SEJCT342603BH2-2
Sample Matrix: soil
Date Received: 02/12/2003 **Time:** 10:35
Date Sampled: 02/06/2003 **Time:** 10:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	13000	mg/Kg	500	<500	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	9950	mg/Kg	500	<500	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	86600	µg/Kg	5000	<5000	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	436000	µg/Kg	5000	<5000	02/14/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	371000	µg/Kg	5000	<5000	02/14/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	160000	µg/Kg	5000	<5000	02/14/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	619000	µg/Kg	5000	<5000	02/14/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT342603BH2-2

Report#/Lab ID#: 139266
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 50X	D
	8015 mod.	none/diluted	diluted @ 50X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 250X	D
	8260b	none/diluted	diluted @ 250X	D

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139266	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEIJCT342603BH2-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139267 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH2-5

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 10:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	89.3	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	J	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	191	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	2090	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	1460	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	616	µg/Kg	20	<20	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	2850	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH2-5

Report#/Lab ID#: 139267
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	58.7	50-150	---
	8015 mod.	53	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	101	65-115	---
	8260b	116	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139267	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJICT342603BH2-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Euine

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139268 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH2-10

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	637	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	336	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	211	µg/Kg	20	<20	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	8710	µg/Kg	100	<100	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	10600	µg/Kg	100	<100	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	48.8	µg/Kg	20	<20	02/14/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	681	µg/Kg	20	<20	02/14/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJJCT342603BH2-10

Report#/Lab ID#: 139268
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	30.6	50-150	X
p-Terphenyl	8015 mod.	55.9	50-150	---
1,2-Dichloroethane-d4	8260b	99.7	65-115	---
Toluene-d8	8260b	116	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139268	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT342603BH2-10		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices
Nitrobenzene-d5	X	(sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139269 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH2-15

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 11:20

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	497	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	259	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	100	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	6690	µg/Kg	100	<100	02/14/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	6970	µg/Kg	100	<100	02/14/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	100	µg/Kg	20	<20	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	267	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

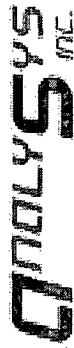
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH2-15

Report#/Lab ID#: 139269

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	31.5	50-150	X
	8015 mod.	61.3	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	86.3	65-115	---
	8260b	107	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139269	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJICT342603BH2-1.5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.
Nitrobenzene-d5	X	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139270 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH3-2

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 12:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2550	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1150	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	1360	µg/Kg	1000	<1000	02/13/03	8260b	---	13.2	86.5	109.7	96
Ethylbenzene	34900	µg/Kg	1000	<1000	02/13/03	8260b	---	6.3	113.7	119.8	120.1
m,p-Xylenes	38700	µg/Kg	1000	<1000	02/13/03	8260b	---	4.3	113.4	114.8	117.4
o-Xylene	19000	µg/Kg	1000	<1000	02/13/03	8260b	---	1.9	116.7	116.7	120.8
Toluene	30000	µg/Kg	1000	<1000	02/13/03	8260b	---	13.3	101.7	116.9	107.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT342603BH3-2

Report#/Lab ID#: 139270
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 50X	D
	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139270 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10286
Sample Name: SEJCT342603BH3-2

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139271 **Report Date:** 02/24/03
Project ID: 2002-10286
Sample Name: SEJCT342603BH3-5
Sample Matrix: soil
Date Received: 02/12/2003 **Time:** 10:35
Date Sampled: 02/06/2003 **Time:** 12:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	204	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	J	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/13/03	8260b	---	13.2	86.5	109.7	96
Ethylbenzene	<20	µg/Kg	20	<20	02/13/03	8260b	J	6.3	113.7	119.8	120.1
m,p-Xylenes	<20	µg/Kg	20	<20	02/13/03	8260b	J	4.3	113.4	114.8	117.4
o-Xylene	<20	µg/Kg	20	<20	02/13/03	8260b	---	1.9	116.7	116.7	120.8
Toluene	22.2	µg/Kg	20	<20	02/13/03	8260b	---	13.3	101.7	116.9	107.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEIJCT342603BH3-5

Report#/Lab ID#: 139271

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	53.2	50-150	---
	8015 mod.	72.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	101	65-115	---
	8260b	110	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139271	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT342603BH3-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:



Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Report#/Lab ID#: 139272 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH3-10

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 13:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	238	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	31.8	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	22	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	55.9	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	112	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	<20	µg/Kg	20	<20	02/13/03	8260b	J	2.2	116.1	114.6	127.6
Toluene	27.2	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 139272
Attn: Pat McCasland	Sample Name: SEJJCT342603BH3-10	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	52.1	50-150	---
p-Terphenyl	8015 mod.	69.2	50-150	---
1,2-Dichloroethane-d4	8260b	106	65-115	---
Toluene-d8	8260b	105	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139272 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10286
Sample Name: SEJJCT342603BH3-10

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

Report#/Lab ID#: 139273

Report Date: 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH3-15

Sample Matrix: soil

Date Received: 02/12/2003

Time: 10:35

Date Sampled: 02/06/2003

Time: 13:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1620	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	631	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	112	µg/Kg	20	<20	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	5600	µg/Kg	100	<100	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	9040	µg/Kg	100	<100	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	2880	µg/Kg	100	<100	02/13/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	67.3	µg/Kg	20	<20	02/14/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH3-15

Report#/Lab ID#: 139273

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	93.3	65-115	---
	8260b	114	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139273 **Matrix:** soil **Attn:** Pat McCasland
Client: Environmental Plus, Inc.
Project ID: 2002-10286
Sample Name: SEJJCT342603BH3-15

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139274 **Report Date:** 02/24/03
Project ID: 2002-10286
Sample Name: SEJCT342603BH4-2
Sample Matrix: soil
Date Received: 02/12/2003 **Time:** 10:35
Date Sampled: 02/06/2003 **Time:** 13:50

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	4770	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	3760	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	40800	µg/Kg	1000	<1000	02/13/03	8260b	---	13.2	86.5	109.7	96
Ethylbenzene	136000	µg/Kg	1000	<1000	02/13/03	8260b	---	6.3	113.7	119.8	120.1
m,p-Xylenes	89400	µg/Kg	1000	<1000	02/13/03	8260b	---	4.3	113.4	114.8	117.4
o-Xylene	52500	µg/Kg	1000	<1000	02/13/03	8260b	---	1.9	116.7	116.7	120.8
Toluene	214000	µg/Kg	1000	<1000	02/13/03	8260b	---	13.3	101.7	116.9	107.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT342603BH4-2

Report#/Lab ID#: 139274
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 50X	D
	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139274	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT342603BH4-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 139275 Report Date: 02/24/03
Project ID: 2002-10286
Sample Name: SEJCT342603BH4-5
Sample Matrix: soil
Date Received: 02/12/2003 Time: 10:35
Date Sampled: 02/06/2003 Time: 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	51.6	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatle organics-8260b/BTEX	---	---	---	---	02/13/03	8260b	---	---	---	---	---
Benzene	65.8	µg/Kg	20	<20	02/13/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	36.8	µg/Kg	20	<20	02/13/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	35.1	µg/Kg	20	<20	02/13/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	<20	µg/Kg	20	<20	02/13/03	8260b	J	2.2	116.1	114.6	127.6
Toluene	97.9	µg/Kg	20	<20	02/13/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH4-5

Report#/Lab ID#: 139275

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	50.2	50-150	---
	8015 mod.	63.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	97.7	65-115	---
	8260b	108	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139275	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT342603BH4-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes:



Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Euette NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Report#/Lab ID#: 139276 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH4-10

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 14:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatle organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	<20	µg/Kg	20	<20	02/14/03	8260b	J	1.8	114.6	114.7	125.9
m,p-Xylenes	<20	µg/Kg	20	<20	02/14/03	8260b	J	3.9	112.9	111.9	123
o-Xylene	<20	µg/Kg	20	<20	02/14/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	<20	µg/Kg	20	<20	02/14/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJJCT342603BH4-10

Report#/Lab ID#: 139276
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	51.9	50-150	---
	8015 mod.	62.5	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	95.2	65-115	---
	8260b	103	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139276	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT342603BH4-10		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Euine NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139277 **Report Date:** 02/24/03

Project ID: 2002-10286

Sample Name: SEJCT342603BH4-15

Sample Matrix: soil

Date Received: 02/12/2003 **Time:** 10:35

Date Sampled: 02/06/2003 **Time:** 14:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	13.4	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/20/03	8015 mod.	J	12.1	72.2	108.4	77.3
Volatle organics-8260b/BTEX	---	---	---	---	02/14/03	8260b	---	---	---	---	---
Benzene	125	µg/Kg	20	<20	02/14/03	8260b	---	2.9	98.8	99	99.7
Ethylbenzene	109	µg/Kg	20	<20	02/14/03	8260b	---	1.8	114.6	114.7	125.9
m,p-Xylenes	61.9	µg/Kg	20	<20	02/14/03	8260b	---	3.9	112.9	111.9	123
o-Xylene	<20	µg/Kg	20	<20	02/14/03	8260b	---	2.2	116.1	114.6	127.6
Toluene	54.1	µg/Kg	20	<20	02/14/03	8260b	---	5	105.1	104.9	111.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT342603BH4-15

Report#/Lab ID#: 139277

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	63.9	50-150	---
	8015 mod.	77.8	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	108	65-115	---
	8260b	115	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139277	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT342603BH4-15		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:

AIN-OF-CUSTODY

Reports To:

Company Name Environmental Plus
 Address 2122 Ave O
 City Emery State NV Zip 89031
 Phone 505-394-3488 Fax 505-394-2601

Bill to (if different):

Company Name EOTT Energy
 Address 5805 Hwy 80
 City Midland State TX Zip 79701
 ATTN: Frank Hernandez
 Phone 955-638-3797 Fax

Status (must be confirmed with lab mgr.):

Product Name/PO#: 2002-10286 Sampler: Bradley, B.

ANALYSIS'S 5179

4221 Freidrich Lane, Suite 190, Austin, TX 78744
 (512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
SEJJCCT342603BH1-2	2-6-03	8:00	1	X			139261	X
SEJJCCT342603BH1-5	2-6-03	8:15	1	X			139262	X
SEJJCCT342603BH1-10	2-6-03	8:35	1	X			139263	X
SEJJCCT342603BH1-15	2-6-03	8:50	1	X			139264	X
SEJJCCT342603BH1-20	2-6-03	9:15	1	X			139265	X
SEJJCCT342603BH2-2	2-6-03	10:20	1	X			139266	X
SEJJCCT342603BH2-5	2-6-03	10:35	1	X			139267	X
SEJJCCT342603BH2-10	2-6-03	11:00	1	X			139268	X
SEJJCCT342603BH2-15	2-6-03	11:20	1	X			139269	X
SEJJCCT342603BH2-2	2-6-03	12:40	1	X			139270	X

ess specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting (MDL/POL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or TSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By

Name Bradley B. Affiliation Environmental Plus Date 2-6-03 Time

Sample Received By

Name Melanie Humphrey Affiliation ASI Date 2/12/03 Time 10:35

dering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

T = 5.5°C

AIN-OF-CUSTODY

Reports To:

Company Name ENVIRONMENTAL PLUS
Address 2120 Ave O

Envelope State 11 W Zip 88231
N: Port McArthur

Phone 505-394-3481 Fax 505-394-2601

in Status (must be confirmed with lab mgr.):

Project Name/PO#: 2002-10286 Sampler: Bradley Bly

Bill to (if different):

Company Name EOT Energy
Address 5825 Highway 840

City Midland State Tx Zip 79701

ATTN: Frank Hernandez

Phone 915-638-3777 Fax _____

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)
SEJ JCT 342603BH-5	2-6-03	12:50	1	X			139271
SEJ JCT 342603BH-10	2-6-03	1:15	1	X			139272
SEJ JCT 342603BH-15	2-6-03	1:35	1	X			139273
SEJ JCT 342603BH-20	2-6-03	1:50	1	X			139274
SEJ JCT 342603BH-5	2-6-03	2:00	1	X			139275
SEJ JCT 342603BH-10	2-6-03	2:20	1	X			139276
SEJ JCT 342603BH-15	2-6-03	2:40	1	X			139277

ness specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<i>Bradley B...</i>	<i>Environmental Plus</i>	<i>2-6-03</i>	<i>Melanie Thompson</i>	<i>ASI</i>	<i>2/12/03</i>
					<i>10:35</i>

Ordering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by Environmental Plus to the terms and conditions of the AnalySys, Inc. Analytical Services Agreement.

T-5556

Ordering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]					
--	--	--	--	--	--



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139370 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJCT3421103BH6-2
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 07:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5230	mg/Kg	50	<50	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	2470	mg/Kg	50	<50	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatiles organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	7610	µg/Kg	1000	<1000	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	100000	µg/Kg	1000	<1000	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	93100	µg/Kg	1000	<1000	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	41300	µg/Kg	1000	<1000	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	102000	µg/Kg	1000	<1000	02/17/03	8260b	---	4.5	114.1	109.8	114

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT3421103BH6-2

Report#/Lab ID#: 139370
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 50X	D
	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139370	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT3421103BH6-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139371 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJJCT3421103BH6-5
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 07:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	436	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	101	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatile organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	523	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	4090	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	3750	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	1770	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	4670	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJCT3421103BH6-5	Report#/Lab ID#: 139371 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	40.9	50-150	X
	8015 mod.	53.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	94.2	65-115	---
	8260b	107	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139371 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10286
Sample Name: SEJJCT3421103BH6-5

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices
Nitrobenzene-d5	X	(sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139372 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJCT3421103BH6-10
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 07:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	310	mg/Kg	5	<5	02/20/03	8015 mod.	---	0.4	72.3	103.3	70.9
TPH by GC (as diesel-ext)	---	---	---	---	02/17/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	31.3	mg/Kg	5	<5	02/20/03	8015 mod.	---	12.1	72.2	108.4	77.3
Volatle organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	108	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	159	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	28.8	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	22.7	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH6-10

Report#/Lab ID#: 139372
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	53.3	50-150	---
	8015 mod.	83.4	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	84.7	65-115	---
	8260b	104	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139373 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH6-15

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	741	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	624	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/18/03	8260b	---	---	---	---	---
Benzene	117	µg/Kg	100	<100	02/18/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	10100	µg/Kg	100	<100	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	14600	µg/Kg	100	<100	02/18/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	3590	µg/Kg	100	<100	02/18/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	209	µg/Kg	100	<100	02/18/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH6-15

Report#/Lab ID#: 139373

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	16	50-150	X
	8015 mod.	78.7	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	99.6	65-115	---
	8260b	113	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139373	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT3421103BH6-15		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices
Nitrobenzene-d5	X	(sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139374 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJCT3421103BH8-2
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 08:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	5640	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	3190	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatle organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	4340	µg/Kg	1000	<1000	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	92600	µg/Kg	1000	<1000	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	87800	µg/Kg	1000	<1000	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	40800	µg/Kg	1000	<1000	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	85000	µg/Kg	1000	<1000	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and/or PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT3421103BH8-2

Report#/Lab ID#: 139374
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	none/diluted	diluted @ 50X	D
	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139374	Matrix: soil
Client: Environmental Plus, Inc.	Attn: Pat McCasland
Project ID: 2002-10286	
Sample Name: SEJCT3421103BH8-2	

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Euine NM 88231
Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139375 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJCT3421103BH8-5
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 09:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2780	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	663	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/18/03	8260b	---	---	---	---	---
Benzene	694	µg/Kg	20	<20	02/18/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	2990	µg/Kg	20	<20	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	229	µg/Kg	20	<20	02/18/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	56.9	µg/Kg	20	<20	02/18/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	1700	µg/Kg	20	<20	02/18/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJCT3421103BH8-5	Report#/Lab ID#: 139375 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	51.1	50-150	---
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	114	65-115	---
Toluene-d8	8260b	114	50-120	---

Data Qualifiers: D= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139375	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH8-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139376 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH8-10

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 09:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	13.1	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/18/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/18/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	<20	µg/Kg	20	<20	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	<20	µg/Kg	20	<20	02/18/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	<20	µg/Kg	20	<20	02/18/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	<20	µg/Kg	20	<20	02/18/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJCT3421103BH8-10

Report#/Lab ID#: 139376
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	43.2	50-150	X
	8015 mod.	74.6	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	94.5	65-115	---
	8260b	108	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139376	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH8-10		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.
Nitrobenzene-d5	X	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139377 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH8-15

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 09:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	7410	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	6520	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatiles organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	11600	µg/Kg	1000	<1000	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	78700	µg/Kg	1000	<1000	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	55300	µg/Kg	1000	<1000	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	22800	µg/Kg	1000	<1000	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	86800	µg/Kg	1000	<1000	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH8-15

Report#/Lab ID#: 139377
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	none/diluted	diluted @ 50X	D
Toluene-d8	8260b	none/diluted	diluted @ 50X	D

Data Qualifiers: D= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139377	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH8-15		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1,2-Dichloroethane-d4	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Toluene-d8	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 139378 Report Date: 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH7-2

Sample Matrix: soil

Date Received: 02/13/2003 Time: 10:35

Date Sampled: 02/11/2003 Time: 10:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	9090	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	420	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	610	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	4790	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	4740	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	2360	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	3500	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH7-2

Report#/Lab ID#: 139378
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	96.5	65-115	---
	8260b	118	50-120	---

Data Qualifiers: D= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139378	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT3421103BH7-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139379 **Report Date:** 02/27/03
Project ID: 2002-10286
Sample Name: SEJCT3421103BH7-5
Sample Matrix: soil
Date Received: 02/13/2003 **Time:** 10:35
Date Sampled: 02/11/2003 **Time:** 11:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1400	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	901	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/17/03	8260b	J	1.8	93.5	101.2	91.2
Ethylbenzene	1300	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	1820	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	545	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	356	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH7-5

Report#/Lab ID#: 139379
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	50.5	50-150	---
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	114	65-115	---
	8260b	119	50-120	---
Toluene-d8				

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139379	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH7-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Euinee

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139380 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH7-10

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 11:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1010	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1070	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	1160	µg/Kg	100	<100	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	19300	µg/Kg	100	<100	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	8790	µg/Kg	100	<100	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	609	µg/Kg	100	<100	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	333	µg/Kg	100	<100	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 139380
Attn: Pat McCasland	Sample Name: SEJCT3421103BH7-10	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	60.3	50-150	---
	8015 mod.	71.3	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	100	65-115	---
	8260b	114	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139381 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH7-15

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 11:50

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2940	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1770	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatiles organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	2190	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	41600	µg/Kg	1000	<1000	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	3790	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	51.6	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	111	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJJCT3421103BH7-15

Report#/Lab ID#: 139381
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	103	65-115	---
	8260b	120	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139381 Matrix: soil
Client: Environmental Plus, Inc.
Project ID: 2002-10286
Sample Name: SEJCT3421103BH7-15

Attn: Pat McCasland

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481

FAX: (505) 394-2601

3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Report#/Lab ID#: 139382 Report Date: 02/27/03

Project ID: 2002-10286

Sample Name: SEIJCT3421103BH5-2

Sample Matrix: soil

Date Received: 02/13/2003 Time: 10:35

Date Sampled: 02/11/2003 Time: 13:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	10200	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	2070	mg/Kg	50	<50	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/18/03	8260b	---	---	---	---	---
Benzene	521	µg/Kg	100	<100	02/18/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	9360	µg/Kg	100	<100	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	8020	µg/Kg	100	<100	02/18/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	4990	µg/Kg	100	<100	02/18/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	7620	µg/Kg	100	<100	02/18/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJCT3421103BH5-2	Report#/Lab ID#: 139382 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	109	65-115	---
	8260b	113	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139382	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH5-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139383 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH5-5

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 13:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	58.3	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	02/25/03	8015 mod.	J	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/18/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/18/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	1020	µg/Kg	20	<20	02/18/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	940	µg/Kg	20	<20	02/18/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	538	µg/Kg	20	<20	02/18/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	308	µg/Kg	20	<20	02/18/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJCT3421103BH5-5

Report#/Lab ID#: 139383

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	50	50-150	---
	8015 mod.	77.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	100	65-115	---
	8260b	108	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139383	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJCT3421103BH5-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
TPH by GC (as gasoline)	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139384 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH5-10

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 14:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	105	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	7.81	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatiles organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	333	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	299	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	146	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	167	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 139384
Attn: Pat McCasland	Sample Name: SEJCT3421103BH5-10	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	73.2	50-150	---
	8015 mod.	70.1	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	98.5	65-115	---
	8260b	110	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Euine

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 139385 **Report Date:** 02/27/03

Project ID: 2002-10286

Sample Name: SEJCT3421103BH5-15

Sample Matrix: soil

Date Received: 02/13/2003 **Time:** 10:35

Date Sampled: 02/11/2003 **Time:** 14:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	745	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.2	111.4	96.4	129.5
TPH by GC (as diesel-ext)	---	---	---	---	02/19/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	163	mg/Kg	5	<5	02/25/03	8015 mod.	---	15.1	110.8	114.4	91.8
Volatile organics-8260b/BTEX	---	---	---	---	02/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	02/17/03	8260b	---	1.8	93.5	101.2	91.2
Ethylbenzene	143	µg/Kg	20	<20	02/17/03	8260b	---	1.7	120.1	116.8	121.9
m,p-Xylenes	125	µg/Kg	20	<20	02/17/03	8260b	---	2.5	118.8	112.1	122.6
o-Xylene	78.5	µg/Kg	20	<20	02/17/03	8260b	---	2.6	122.2	115.4	126.7
Toluene	81	µg/Kg	20	<20	02/17/03	8260b	---	4.5	114.1	109.8	114

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (<) values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 139385
Attn: Pat McCasland	Sample Name: SEJCT3421103BH5-15	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5 p-Terphenyl	8015 mod.	26	50-150	X
	8015 mod.	93.2	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	95.3	65-115	---
	8260b	114	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 139385	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJJCT3421103BH5-15		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	X	Surrogate recovery outside advisory/acceptance limits. Typically verified by reanalysis or reextraction & reanalysis. In some well known matrices (sample sources with known interferences) and for some conditions, reextraction and/or reanalysis may be at analysts discretion.
Nitrobenzene-d5	X	

Notes:

AIN-OF-CUSTODY

1 Reports To:

Company Name Environmental Plus
 Address 2100 Ave D
 City Enrico State TX Zip 75023
 N: Port McCloud
 Phone 505-394-3481 Fax 505-394-2601
 Status (must be confirmed with lab mgr.):
 Contact Name/PO#: 2002-10086 Sampler: Bradley B.

Bill to (if different):

Company Name EcoT Energy
 Address 5805 Hwy 85
 City Midland State TX Zip 79701
 ATTN: Frank Hernandez
 Phone 505-394-3481 Fax 505-394-2601

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
 (512) 444-5896

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
SEJJC1342103BH6-2	2-11-03	7:00	1	X			139370	X
SEJJC1342103BH6-5	2-11-03	7:15	1	X			139371	X
SEJJC1342103BH6-10	2-11-03	7:35	1	X			139372	X
SEJJC1342103BH6-15	2-11-03	8:00	1	X			139373	X
SEJJC1342103BH8-2	2-11-03	8:35	1	X			139374	X
SEJJC1342103BH8-5	2-11-03	9:00	1	X			139375	X
SEJJC1342103BH8-10	2-11-03	9:15	1	X			139376	X
SEJJC1342103BH8-15	2-11-03	9:35	1	X			139377	X
SEJJC1342103BH7-2	2-11-03	10:40	1	X			139378	X
SEJJC1342103BH7-5	2-11-03	11:15	1	X			139379	X

ess specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = 3.2°C

Sample Relinquished By

Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
BB	CSI	2/11/03		Melanie Humphrey	ASI	2/13/03	10:35

dering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141246 **Report Date:** 04/28/03

Project ID: 2002-10286

Sample Name: SEJ344803BH1A-8

Sample Matrix: soil

Date Received: 04/15/2003 **Time:** 09:15

Date Sampled: 04/08/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2010	mg/Kg	50	<50	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	1040	mg/Kg	50	<50	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/17/03	8260b	J	2	92.2	91.6	91.5
Ethylbenzene	3370	µg/Kg	20	<20	04/17/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	6140	µg/Kg	20	<20	04/17/03	8260b	---	5	105.2	100.5	99
o-Xylene	777	µg/Kg	20	<20	04/17/03	8260b	---	4	107.5	102.2	102.2
Toluene	38.4	µg/Kg	20	<20	04/17/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJ344803BH1A-8

Report#/Lab ID#: 141246

Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	109	65-115	---
	8260b	88.9	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141246	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ344803BH1A-8		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 141247

Project ID: 2002-10286

Sample Name: SEJ344803BH1A-13

Sample Matrix: soil

Date Received: 04/15/2003 Time: 09:15

Date Sampled: 04/08/2003 Time: 11:10

Report Date: 04/28/03

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1000	mg/Kg	10	<10	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	469	mg/Kg	10	<10	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatiles organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	1880	µg/Kg	20	<20	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	2900	µg/Kg	20	<20	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	429	µg/Kg	20	<20	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	<20	µg/Kg	20	<20	04/16/03	8260b	J	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEI344803BH1A-13

Report#/Lab ID#: 141247
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 1X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 1X	D
1,2-Dichloroethane-d4	8260b	112	65-115	---
Toluene-d8	8260b	97.6	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141247	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ344803BH1A-13		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141248 **Report Date:** 04/28/03
Project ID: 2002-10286
Sample Name: SEJ344803BH1A-18
Sample Matrix: soil
Date Received: 04/15/2003 **Time:** 09:15
Date Sampled: 04/08/2003 **Time:** 11:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	827	mg/Kg	5	<5	04/22/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	383	mg/Kg	5	<5	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	20.6	µg/Kg	20	<20	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	4030	µg/Kg	20	<20	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	4570	µg/Kg	20	<20	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	2450	µg/Kg	20	<20	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	575	µg/Kg	20	<20	04/16/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJ344803BH1A-18

Report#/Lab ID#: 141248
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	150	50-150	---
	8015 mod.	67.1	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	111	65-115	---
	8260b	93.8	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141249 **Report Date:** 04/28/03

Project ID: 2002-10286

Sample Name: SEJ344803BH2A-8

Sample Matrix: soil

Date Received: 04/15/2003 **Time:** 09:15

Date Sampled: 04/08/2003 **Time:** 11:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1450	mg/Kg	10	<10	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	411	mg/Kg	10	<10	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	2220	µg/Kg	20	<20	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	3140	µg/Kg	20	<20	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	1540	µg/Kg	20	<20	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	127	µg/Kg	20	<20	04/16/03	8260b	---	3	101.7	101.3	97.5

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJ344803BH2A-8	Report#/Lab ID#: 141249 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	none/diluted	diluted @ 1X	D
	8015 mod.	none/diluted	diluted @ 1X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	114	65-115	---
	8260b	99.2	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141249 **Matrix:** soil
Client: Environmental Plus, Inc. **Attn:** Pat McCasland
Project ID: 2002-10286
Sample Name: SEJ344803BH2A-8

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141250 **Report Date:** 04/28/03
Project ID: 2002-10286
Sample Name: SEJ344803BH2A-13
Sample Matrix: soil
Date Received: 04/15/2003 **Time:** 09:15
Date Sampled: 04/08/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1280	mg/Kg	50	<50	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	732	mg/Kg	50	<50	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	95.3	µg/Kg	20	<20	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	14500	µg/Kg	100	<100	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	15800	µg/Kg	100	<100	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	6580	µg/Kg	100	<100	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	180	µg/Kg	20	<20	04/16/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 141250
Attn: Pat McCasland	Sample Name: SEJ344803BH2A-13	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	110	65-115	---
	8260b	89.9	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141250	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ344803BH2A-13		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 141251 Report Date: 04/28/03
Project ID: 2002-10286
Sample Name: SEJ344803BH2A-18
Sample Matrix: soil
Date Received: 04/15/2003 Time: 09:15
Date Sampled: 04/08/2003 Time: 13:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1480	mg/Kg	50	<50	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	772	mg/Kg	50	<50	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	146	µg/Kg	100	<100	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	14700	µg/Kg	100	<100	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	17000	µg/Kg	100	<100	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	6690	µg/Kg	100	<100	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	2080	µg/Kg	100	<100	04/16/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286

Sample Name: SEJ344803BH2A-18

Report#/Lab ID#: 141251
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	95.2	65-115	---
	8260b	82.5	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141251	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ344803BH2A-18		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
I-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
I-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141252 **Report Date:** 04/28/03

Project ID: 2002-10286

Sample Name: SEJ3441003BH3A-8

Sample Matrix: soil

Date Received: 04/15/2003 **Time:** 09:15

Date Sampled: 04/10/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	2060	mg/Kg	50	<50	04/22/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	909	mg/Kg	50	<50	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/17/03	8260b	---	---	---	---	---
Benzene	827	µg/Kg	20	<20	04/17/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	26000	µg/Kg	1000	<1000	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	26900	µg/Kg	1000	<1000	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	12500	µg/Kg	1000	<1000	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	22700	µg/Kg	1000	<1000	04/16/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.	Project ID: 2002-10286	Report#/Lab ID#: 141252
Attn: Pat McCasland	Sample Name: SEJ3441003BH3A-8	Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 5X	D
1,2-Dichloroethane-d4	8260b	105	65-115	---
Toluene-d8	8260b	51.2	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141252	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ3441003BH3A-8		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
I-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
I-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland
Address: 2100 Ave. O
Eunice NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141253

Report Date: 04/28/03

Project ID: 2002-10286

Sample Name: SEJ3441003BH3A-13

Sample Matrix: soil

Date Received: 04/15/2003 **Time:** 09:15

Date Sampled: 04/10/2003 **Time:** 11:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	979	mg/Kg	10	<10	04/23/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	513	mg/Kg	10	<10	04/23/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatiles organics-8260b/BTEX	---	---	---	---	04/17/03	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	04/17/03	8260b	J	2	92.2	91.6	91.5
Ethylbenzene	9330	µg/Kg	100	<100	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	11500	µg/Kg	100	<100	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	60.4	µg/Kg	20	<20	04/17/03	8260b	---	4	107.5	102.2	102.2
Toluene	143	µg/Kg	20	<20	04/17/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.
Attn: Pat McCasland

Project ID: 2002-10286
Sample Name: SEJ3441003BH3A-13

Report#/Lab ID#: 141253
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	none/diluted	diluted @ 1X	D
	8015 mod.	none/diluted	diluted @ 1X	D
1,2-Dichloroethane-d4 Toluene-d8	8260b	104	65-115	---
	8260b	91.3	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 141253	Matrix: soil	Attn: Pat McCasland
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: SEJ3441003BH3A-13		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
1-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
1-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Pat McCasland

Address: 2100 Ave. O

Eunice

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 141254 **Report Date:** 04/28/03

Project ID: 2002-10286

Sample Name: SEJ3441003BH3A-18

Sample Matrix: soil

Date Received: 04/15/2003 **Time:** 09:15

Date Sampled: 04/10/2003 **Time:** 11:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	230	mg/Kg	5	<5	04/22/03	8015 mod.	---	13.8	94.8	79.5	72.6
TPH by GC (as diesel-ext)	---	---	---	---	04/22/03	3540	---	---	---	---	---
TPH by GC (as gasoline)	122	mg/Kg	5	<5	04/22/03	8015 mod.	---	6.7	76.4	75.3	74.3
Volatile organics-8260b/BTEX	---	---	---	---	04/16/03	8260b	---	---	---	---	---
Benzene	22.4	µg/Kg	20	<20	04/16/03	8260b	---	2	92.2	91.6	91.5
Ethylbenzene	1330	µg/Kg	20	<20	04/16/03	8260b	---	3.9	104.9	103.8	98.8
m,p-Xylenes	1240	µg/Kg	20	<20	04/16/03	8260b	---	5	105.2	100.5	99
o-Xylene	100	µg/Kg	20	<20	04/16/03	8260b	---	4	107.5	102.2	102.2
Toluene	53.1	µg/Kg	20	<20	04/16/03	8260b	---	3	101.7	101.3	97.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Pat McCasland	Project ID: 2002-10286 Sample Name: SEJ3441003BH3A-18	Report#/Lab ID#: 141254 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	87.6	50-150	---
	8015 mod.	54.9	50-150	---
1,2-Dichloroethane-d4 Toluene-d8	8260b	110	65-115	---
	8260b	90.3	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Send Repo To:

Company Name Environmental Plus
Address 1100 Ave C
City Endorse State MD Zip 88231
ATTN: For R. Casland
Phone 505-394-3481 Fax 505-394-2601

Bill to (if differ t):

Company Name East Energy
Address 5505 Hwy 80
City Midland State/TX Zip 79701
ATTN: Frank Hornbaker
Phone 915-638-3799 Fax

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: 2002-10786 Sampler: _____

Analyses Requested (1)

Please attach explanatory information as required

[illegible]

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants on ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

$$T = 5.4^{\circ}\text{C}$$

Sample Relinquished By				Sample Received By		
Name	Affiliation	Date	Time	Name	Affiliation	Date
<i>[Signature]</i>	<i>Edw. Lawrence / MHS</i>	<i>4/15/03</i>		<i>Melanie Humphrey</i>	<i>ASI</i>	<i>4/15/03</i>
						<i>0915</i>

Tendering of above described samples to Analytical Services for analysis.

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

ANALYTICAL REPORT

Prepared for:

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Project: Junction JCT 34 Line to Lea
PO#: 2002-10286
Order#: G0306697
Report Date: 06/13/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702
687-2713

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u>	<u>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0306697-01	SEJCT34061003SP1	SOIL	6/10/03 11:00	6/10/03 15:20	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 0.5 C		
0306697-02	SEJCT34061003SP2	SOIL	6/10/03 11:05	6/10/03 15:20	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 0.5 C		
0306697-03	SEJCT34061003SP3	SOIL	6/10/03 11:10	6/10/03 15:20	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 0.5 C		
0306697-04	SEJCT34061003SP4	SOIL	6/10/03 11:15	6/10/03 15:20	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 0.5 C		
0306697-05	SEJCT34061003SP5	SOIL	6/10/03 11:25	6/10/03 15:20	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX	Rejected: No		Temp: 0.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

Lab ID: 0306697-01
Sample ID: SEJCT34061003SP1

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	79.8	10.0
DRO, >C12-C35	240	10.0
TOTAL, C6-C35	320	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	87%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005815-02		6/11/03 17:46	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	0.025	0.025
Toluene	0.043	0.025
Ethylbenzene	0.105	0.025
p/m-Xylene	0.627	0.025
o-Xylene	0.271	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	171%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 5

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

Lab ID: 0306697-02
Sample ID: SEJCT34061003SP2

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	95.6	10.0
DRO, >C12-C35	816	10.0
TOTAL, C6-C35	912	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	94%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005815-02		6/11/03 18:08	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	0.029	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.046	0.025
p/m-Xylene	0.085	0.025
o-Xylene	0.060	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	158%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

Lab ID: 0306697-03
Sample ID: SEJCT34061003SP3

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	315	10.0
DRO, >C12-C35	1,070	10.0
TOTAL, C6-C35	1,385	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005815-02		6/11/03 18:30	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	0.041	0.025
Toluene	0.125	0.025
Ethylbenzene	0.148	0.025
p/m-Xylene	2.12	0.025
o-Xylene	1.44	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	131%	80	120
Bromofluorobenzene	180%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

Lab ID: 0306697-04
Sample ID: SEJCT34061003SP4

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/11/03	1	5	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	1030	50.0
DRO, >C12-C35	2450	50.0
TOTAL, C6-C35	3480	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	22%	70	130
1-Chlorooctadecane	19%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005815-02		6/11/03 18:52	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	0.066	0.025
Toluene	2.08	0.025
Ethylbenzene	3.57	0.025
p/m-Xylene	11.1	0.025
o-Xylene	7.90	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	199%	80	120
Bromofluorobenzene	191%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 4 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

FRANK HERNANDEZ
EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697
Project: 2002-10286
Project Name: Junction JCT 34 Line to Lea
Location: None Given

Lab ID: 0306697-05
Sample ID: SEJCT34061003SP5

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	79.9	10.0
DRO, >C12-C35	517	10.0
TOTAL, C6-C35	597	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	95%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005815-02		6/11/03 19:14	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.048	0.025
p/m-Xylene	0.221	0.025
o-Xylene	0.110	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	155%	80	120

Approval: *Roland K. Tuttle* 6-13-03
Roland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezughe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 5 of 5

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306697

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005804-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005804-03		952	994	104.4%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005804-04		952	1012	106.3%	1.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005804-05		1000	1167	116.7%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306697

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005815-02			<0.0250		
Toluene-mg/kg		0005815-02			<0.0250		
Ethylbenzene-mg/kg		0005815-02			<0.0250		
p/m-Xylene-mg/kg		0005815-02			<0.0250		
o-Xylene-mg/kg		0005815-02			<0.0250		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306710-01	0	0.105	0.10	95.2%	
Toluene-mg/kg		0306710-01	0	0.105	0.103	98.1%	
Ethylbenzene-mg/kg		0306710-01	0	0.105	0.112	106.7%	
p/m-Xylene-mg/kg		0306710-01	0	0.209	0.234	112.%	
o-Xylene-mg/kg		0306710-01	0	0.105	0.116	110.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306710-01	0	0.105	0.0990	94.3%	1.%
Toluene-mg/kg		0306710-01	0	0.105	0.102	97.1%	1.%
Ethylbenzene-mg/kg		0306710-01	0	0.105	0.113	107.6%	0.9%
p/m-Xylene-mg/kg		0306710-01	0	0.209	0.230	110.%	1.7%
o-Xylene-mg/kg		0306710-01	0	0.105	0.115	109.5%	9.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005815-05		0.10	0.101	101.%	
Toluene-mg/kg		0005815-05		0.10	0.101	101.%	
Ethylbenzene-mg/kg		0005815-05		0.10	0.107	107.%	
p/m-Xylene-mg/kg		0005815-05		0.20	0.229	114.5%	
o-Xylene-mg/kg		0005815-05		0.10	0.110	110.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

EOTT ENERGY PIPELINE
P.O. BOX 1660
Midland, TX 79702

Order#: G0306697

Project: Junction JCT 34 Line to Lea

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SEJCT34061003SP1	0306697-01	SOIL	06/10/2003	06/10/2003
SEJCT34061003SP2	0306697-02	SOIL	06/10/2003	06/10/2003
SEJCT34061003SP3	0306697-03	SOIL	06/10/2003	06/10/2003
SEJCT34061003SP4	0306697-04	SOIL	06/10/2003	06/10/2003
SEJCT34061003SP5	0306697-05	SOIL	06/10/2003	06/10/2003

Surrogate recoveries on 8015M TPH are outside of control limits due to dilution (G0306697-04).

Surrogate recoveries on BTEX are outside control limits due to matrix interference of coeluting compounds (0306697-01,02,03,04,05).

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:

Ralana K. Judd
Environmental Lab of Texas I, Ltd.

Date:

6-13-03

12600 West I-20 East
Odessa Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Analyze For

Temperature Upon Request
Laboratory Comments:
See 0.5°C

12600 West I-20 East
Odessa Texas 79763

Project Name: Junction JCT 34 Line To Lea

Project #: 2002-10286

Project Loc:

PO#:

Telephone No: 713-253-7006

ever before

[illegible]

Sample Containers	Ir	Y	N
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

FAX RESULTS TO PAT McCASLAND ASAP

Received by:

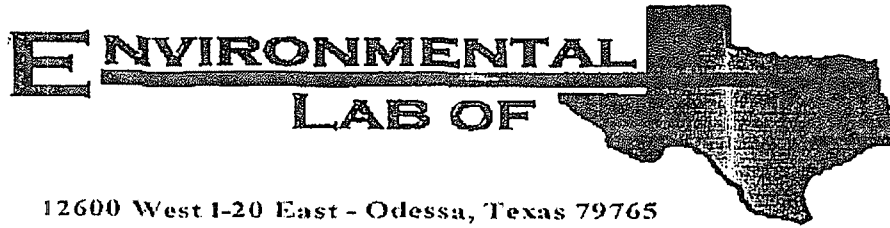
Time

Date

Received by:

Time

Date _____



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Jimmy Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Jct. 34 to Lea

Project Number: 2002-10286

Location: UL-L Section 21 T20S R37E

Lab Order Number: 4E21006

Report Date: 05/27/04

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LEJ34051304MW5 (5')	4E21006-01	Soil	05/13/04 08:20	05/21/04 09:25
LEJ34051304MW5 (10')	4E21006-02	Soil	05/13/04 09:35	05/21/04 09:25
LEJ34051304MW5 (15')	4E21006-03	Soil	05/13/04 10:18	05/21/04 09:25
LEJ34051404MW7 (15')	4E21006-04	Soil	05/13/04 10:40	05/21/04 09:25
LEJ34051704MW6 (10')	4E21006-05	Soil	05/17/04 00:00	05/21/04 09:25
LEJ34051704MW6 (15')	4E21006-06	Soil	05/17/04 00:00	05/21/04 09:25

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914

Reported:
05/27/04 14:44

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LEJ34051304MW5 (5') (4E21006-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	0.0696	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.112	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.411	0.0250	"	"	"	"	"	"	
Xylene (o)	0.174	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.7 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		83.7 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	300	10.0	mg/kg dry	1	EE42103	05/24/04	05/24/04	EPA 8015M	
Diesel Range Organics >C12-C35	1660	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1960	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		84.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		110 %	70-130		"	"	"	"	
LEJ34051304MW5 (10') (4E21006-02) Soil									
Benzene	0.0316	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	0.302	0.0250	"	"	"	"	"	"	
Ethylbenzene	2.15	0.0250	"	"	"	"	"	"	
Xylene (p/m)	3.12	0.0250	"	"	"	"	"	"	
Xylene (o)	1.79	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		150 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		88.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	851	10.0	mg/kg dry	1	EE42103	05/24/04	05/24/04	EPA 8015M	
Diesel Range Organics >C12-C35	3990	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	4840	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		123 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		128 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Raland K. Tufano
Quality Assurance Review

Page 2 of 11

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 14:44

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LEJ34051304MW5 (15') (4E21006-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	0.141	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.630	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.966	0.0250	"	"	"	"	"	"	
Xylene (o)	0.548	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		94.4 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	467	10.0	mg/kg dry	1	EE42103	05/24/04	05/24/04	EPA 8015M	
Diesel Range Organics >C12-C35	2980	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	3440	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		111 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		127 %	70-130		"	"	"	"	
LEJ34051404MW7 (15') (4E21006-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		81.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		80.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE42103	05/24/04	05/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	35.4	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	35.4	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		92.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		96.6 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralana K. M. L.
Quality Assurance Review

Page 3 of 11

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 14:44

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LEJ34051704MW6 (10') (4E21006-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		82.3 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.9 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE42103	05/24/04	05/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	11.0	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	11.0	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		83.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.6 %	70-130		"	"	"	"	
LEJ34051704MW6 (15') (4E21006-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE42504	05/24/04	05/24/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		85.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.7 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EE42103	05/24/04	05/26/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		89.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		88.0 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralan K. Tull
Quality Assurance Review

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 14:44

**General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
LEJ34051304MW5 (5') (4E21006-01) Soil									
% Solids	94.0		%	1	EE42402	05/21/04	05/21/04	% calculation	
LEJ34051304MW5 (10') (4E21006-02) Soil									
% Solids	98.0		%	1	EE42402	05/21/04	05/21/04	% calculation	
LEJ34051304MW5 (15') (4E21006-03) Soil									
% Solids	98.0		%	1	EE42402	05/21/04	05/21/04	% calculation	
LEJ34051404MW7 (15') (4E21006-04) Soil									
% Solids	93.0		%	1	EE42402	05/21/04	05/21/04	% calculation	
LEJ34051704MW6 (10') (4E21006-05) Soil									
% Solids	97.0		%	1	EE42402	05/21/04	05/21/04	% calculation	
LEJ34051704MW6 (15') (4E21006-06) Soil									
% Solids	95.0		%	1	EE42402	05/21/04	05/21/04	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralan dk jruh
Quality Assurance Review

Page 5 of 11

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914

Reported:
05/27/04 09:49

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE42103 - Solvent Extraction (GC)										
Blank (EE42103-BLK1)				Prepared & Analyzed: 05/24/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	37.0		mg/kg	50.0		74.0	70-130			
Surrogate: 1-Chlorooctadecane	35.4		"	50.0		70.8	70-130			
Blank (EE42103-BLK2)				Prepared & Analyzed: 05/24/04						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	36.8		mg/kg	50.0		73.6	70-130			
Surrogate: 1-Chlorooctadecane	35.8		"	50.0		71.6	70-130			
LCS (EE42103-BS1)				Prepared & Analyzed: 05/24/04						
Gasoline Range Organics C6-C12	426	10.0	mg/kg wet	500		85.2	75-125			
Diesel Range Organics >C12-C35	493	10.0	"	500		98.6	75-125			
Total Hydrocarbon C6-C35	919	10.0	"	1000		91.9	75-125			
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.6	70-130			
Surrogate: 1-Chlorooctadecane	40.5		"	50.0		81.0	70-130			
LCS (EE42103-BS2)				Prepared & Analyzed: 05/24/04						
Gasoline Range Organics C6-C12	408	10.0	mg/kg wet	500		81.6	75-125			
Diesel Range Organics >C12-C35	515	10.0	"	500		103	75-125			
Total Hydrocarbon C6-C35	923	10.0	"	1000		92.3	75-125			
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.0	70-130			
Surrogate: 1-Chlorooctadecane	36.8		"	50.0		73.6	70-130			
LCS Dup (EE42103-BSD2)				Prepared & Analyzed: 05/24/04						
Gasoline Range Organics C6-C12	414	10.0	mg/kg wet	500		82.8	75-125	1.46	20	
Diesel Range Organics >C12-C35	483	10.0	"	500		96.6	75-125	6.41	20	
Total Hydrocarbon C6-C35	897	10.0	"	1000		89.7	75-125	2.86	20	
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.2	70-130			
Surrogate: 1-Chlorooctadecane	35.8		"	50.0		71.6	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralanda K. [Signature]
Quality Assurance Review

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914

Reported:
05/27/04 09:49

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch EE42103 - Solvent Extraction (GC)

Calibration Check (EE42103-CCV1)

Prepared & Analyzed: 05/23/04

Gasoline Range Organics C6-C12	421		mg/kg	500		84.2	80-120			
Diesel Range Organics >C12-C35	498		"	500		99.6	80-120			
Total Hydrocarbon C6-C35	919		"	1000		91.9	80-120			
Surrogate: 1-Chlorooctane	53.8		"	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	42.9		"	50.0		85.8	70-130			

Calibration Check (EE42103-CCV2)

Prepared & Analyzed: 05/24/04

Gasoline Range Organics C6-C12	421		mg/kg	500		84.2	80-120			
Diesel Range Organics >C12-C35	513		"	500		103	80-120			
Total Hydrocarbon C6-C35	934		"	1000		93.4	80-120			
Surrogate: 1-Chlorooctane	53.3		"	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	46.3		"	50.0		92.6	70-130			

Matrix Spike (EE42103-MS1)

Source: 4E21005-24

Prepared & Analyzed: 05/24/04

Gasoline Range Organics C6-C12	586	10.0	mg/kg dry	568	ND	103	75-125			
Diesel Range Organics >C12-C35	660	10.0	"	568	ND	116	75-125			
Total Hydrocarbon C6-C35	1250	10.0	"	1140	ND	110	75-125			
Surrogate: 1-Chlorooctane	51.5		mg/kg	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	45.9		"	50.0		91.8	70-130			

Matrix Spike Dup (EE42103-MSD1)

Source: 4E21005-24

Prepared & Analyzed: 05/24/04

Gasoline Range Organics C6-C12	508	10.0	mg/kg dry	568	ND	89.4	75-125	14.3	20	
Diesel Range Organics >C12-C35	686	10.0	"	568	ND	121	75-125	3.86	20	
Total Hydrocarbon C6-C35	1190	10.0	"	1140	ND	104	75-125	4.92	20	
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	51.9		"	50.0		104	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralanda J. Wiley
Quality Assurance Review

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914

Reported:
05/27/04 09:49

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch EE42504 - EPA 5030C (GC)

Blank (EE42504-BLK1)

Prepared & Analyzed: 05/24/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	84.5		ug/kg	100		84.5	80-120			
Surrogate: 4-Bromofluorobenzene	83.3		"	100		83.3	80-120			

LCS (EE42504-BS1)

Prepared & Analyzed: 05/24/04

Benzene	89.1		ug/kg	100		89.1	80-120			
Toluene	86.1		"	100		86.1	80-120			
Ethylbenzene	86.3		"	100		86.3	80-120			
Xylene (p/m)	169		"	200		84.5	80-120			
Xylene (o)	86.2		"	100		86.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	82.1		"	100		82.1	80-120			
Surrogate: 4-Bromofluorobenzene	89.3		"	100		89.3	80-120			

Calibration Check (EE42504-CCV1)

Prepared: 05/24/04 Analyzed: 05/25/04

Benzene	92.3		ug/kg	100		92.3	80-120			
Toluene	91.5		"	100		91.5	80-120			
Ethylbenzene	90.5		"	100		90.5	80-120			
Xylene (p/m)	179		"	200		89.5	80-120			
Xylene (o)	90.2		"	100		90.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	109		"	100		109	80-120			
Surrogate: 4-Bromofluorobenzene	104		"	100		104	80-120			

Matrix Spike (EE42504-MS1)

Source: 4E21005-24

Prepared: 05/24/04 Analyzed: 05/25/04

Benzene	90.7		ug/kg	100	ND	90.7	80-120			
Toluene	88.4		"	100	ND	88.4	80-120			
Ethylbenzene	87.4		"	100	ND	87.4	80-120			
Xylene (p/m)	172		"	200	ND	86.0	80-120			
Xylene (o)	85.9		"	100	ND	85.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	102		"	100		102	80-120			
Surrogate: 4-Bromofluorobenzene	108		"	100		108	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralanda K. Paul
Quality Assurance Review

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 09:49

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE42504 - EPA 5030C (GC)										
Matrix Spike Dup (EE42504-MSD1) Source: 4E21005-24 Prepared: 05/24/04 Analyzed: 05/25/04										
Benzene	85.6		ug/kg	100	ND	85.6	80-120	5.79	20	
Toluene	85.0		"	100	ND	85.0	80-120	3.92	20	
Ethylbenzene	84.6		"	100	ND	84.6	80-120	3.26	20	
Xylene (p/m)	167		"	200	ND	83.5	80-120	2.95	20	
Xylene (o)	82.2		"	100	ND	82.2	80-120	4.40	20	
Surrogate: a,a,a-Trifluorotoluene	107		"	100		107	80-120			
Surrogate: 4-Bromofluorobenzene	102		"	100		102	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralanda K. Paul
Quality Assurance Review

Page 9 of 11

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Len
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 09:49

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EE42402 - General Preparation (Prep)										
Blank (EE42402-BLK1)					Prepared & Analyzed: 05/21/04					
% Solids	100		%							
Duplicate (EE42402-DUP1)					Source: 4E21001-01 Prepared & Analyzed: 05/21/04					
% Solids	86.0		%		86.0			0.00	20	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Rahana K. Sult
Quality Assurance Review

Page 10 of 11

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Jimmy Bryant

Fax: (432) 687-4914
Reported:
05/27/04 09:49

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Ralan d.k. 1-0
Quality Assurance Review

Page 11 of 11

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

Project Manager: Jimmy Bryant

Company Name: Plains All American (Formerly Link Energy)

Company Address: 5805 E. HIGHWAY 80

City/State/Zip: MIDLAND, TX 79701

Telephone No: (505) 631-3095

Sampler Signature: *Jan O'Leary* EPI - Environmental Consultant

Project Name: Jct. 34 to Lea

Project #: 2002-10286

Project Loc: UL-L Section 21 T20S R37E

PO#:

LAB ID	SAMPLE IDENTIFICATION	Date Sampled	Time Sampled	No. of Containers	Preservative										Type		Analyze For																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					HNO	HCl	NaOH	HSO	None	Other (Specify)	Water	Sludge	Soil	Other (Specify)	TDS/CSAR/EC	TPH 410.1	TPH TX 1005/1006	TPH 0015M GRO/DRO	Metals *	Volatiles *	Semivolatiles *	BTEX 8021B/5030	Reactivity	Corrosivity	Ignitability	Chlorides	Sulfates																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					ICE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
01	LEJ34051304MW5(5')	13-May	8:20	1	X															X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

Special Instructions

FAX RESULTS TO Iain O'Leary [505-394-2601]

Received by:				Received by:			
Date	Time	Date	Time	Date	Time	Date	Time
5/21/04	0656	5/21/04	0656	5/21/04	0656	5/21/04	0656
<i>Jan O'Leary</i>				<i>Jan O'Leary</i>			
Relinquished				Relinquished			
1/1/04				1/1/04			

Temperature Upon Request
Laboratory Comments:

Rec -2.0 °C

Sample Containers Intact? Y N



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Iain Olness

Address: 2100 Ave. O

Eunice,

NM 88231

Phone: (505) 394-3481 FAX: (505) 394-2601

Report#/Lab ID#: 156252 Report Date: 06/04/04

Project ID: 2002-10286

Sample Name: LEJ34052104MW4 (S')

Sample Matrix: soil

Date Received: 05/28/2004 Time: 10:15

Date Sampled: 05/21/2004 Time: 08:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	202	mg/Kg	2.5	<2.5	06/03/04	8015 mod.	---	3.7	74.7	93.1	109.6
TPH by GC (as diesel-ext)	---	---	---	---	06/02/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	06/03/04	8015 mod.	---	0.7	73.3	107.4	102.4
Volatile organics-8260b/BTEX	---	---	---	---	06/03/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	06/03/04	8260b	---	13.5	94.4	93.2	86.8
Ethylbenzene	<20	µg/Kg	20	<20	06/03/04	8260b	---	0.9	101.7	105.1	103.6
m,p-Xylenes	<40	µg/Kg	40	<40	06/03/04	8260b	---	6.3	109.4	100.6	101.8
o-Xylene	<20	µg/Kg	20	<20	06/03/04	8260b	---	3.6	115.1	109.5	109.9
Toluene	<20	µg/Kg	20	<20	06/03/04	8260b	---	6	101.7	102.5	91.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $\leq$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S & S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2002-10286 Sample Name: LEJ34052104MW4 (5')	Report#/Lab ID#: 156252 Sample Matrix: soil
---	--	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane p-Terphenyl	8015 mod.	64.7	36-140	---
	8015 mod.	227	40-121	X
1,2-Dichloroethane-d4 Toluene-d8	8260b	88.1	56-120	---
	8260b	101	71-116	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 156252 **Matrix:** soil
Client: Environmental Plus, Inc.
Project ID: 2002-10286
Sample Name: LEJ34052104MW4 (5')
Attn: Iain Olness

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to the laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.

☐ Sample received in appropriate container(s). State of sample preservation unknown.

☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Parameter	Qualif	Comment
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH by GC hits, high recoveries are due to co-elution of hydrocarbons from the sample at the same retention time as the surrogate
p-Terphenyl	X	

ERROR: typecheck
OFFENDING COMMAND: restore

STACK:

-7.4704

0.0

95

-savelevel-

Exceptions Report:

Report #/Lab ID#: 156252	Matrix: soil	Attn: Iain Olness
Client: Environmental Plus, Inc.		
Project ID: 2002-10286		
Sample Name: LEJ34052104MW4 (5')		

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

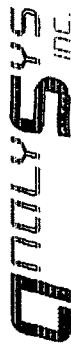
J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
p-Terphenyl	X	Surrogate recovery outside advisory/acceptance limits. Typically, for samples with TPH by GC hits, high recoveries are due to co-elution of
p-Terphenyl	X	hydrocarbons from the sample at the same retention time as the surrogate

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Plus, Inc.

Attn: Iain Olness

Address: 2100 Ave. O

Emmace,

NM 88231

Phone: (505) 394-3481 **FAX:** (505) 394-2601

Report#/Lab ID#: 156253 **Report Date:** 06/04/04

Project ID: 2002-10286

Sample Name: LEJ34052104MW/4 (15')

Sample Matrix: soil

Date Received: 05/28/2004 **Time:** 10:15

Date Sampled: 05/21/2004 **Time:** 08:42

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
TPH by GC (as diesel)	1870	mg/Kg	12.5	<12.5	06/03/04	8015 mod.	---	3.7	74.7	93.1	109.6
TPH by GC (as diesel-ext)	---	---	---	---	06/02/04	3570m	---	---	---	---	---
TPH by GC (as gasoline)	388	mg/Kg	25	<25	06/03/04	8015 mod.	---	0.7	73.3	107.4	102.4
Volatile organics-8260b/BTEX	---	---	---	---	06/04/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	06/04/04	8260b	---	13.5	94.4	93.2	86.8
Ethylbenzene	2570	µg/Kg	20	<20	06/04/04	8260b	---	0.9	101.7	105.1	103.6
m,p-Xylenes	4330	µg/Kg	40	<40	06/04/04	8260b	---	6.3	109.4	100.6	101.8
o-Xylene	44.8	µg/Kg	20	<20	06/04/04	8260b	---	3.6	115.1	109.5	109.9
Toluene	<20	µg/Kg	20	<20	06/04/04	8260b	---	6	101.7	102.5	91.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S & S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Plus, Inc. Attn: Iain Olness	Project ID: 2002-10286 Sample Name: LEI34052104MW4 (15')	Report#/Lab ID#: 156253 Sample Matrix: soil
---	---	--

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limitse	Data Qualifiers
1-Chlorooctane	8015 mod.	none/diluted	diluted @ 2.5X	D
p-Terphenyl	8015 mod.	none/diluted	diluted @ 2.5X	D
1,2-Dichloroethane-d4	8260b	89.9	56-120	---
Toluene-d8	8260b	98.4	71-116	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 156253 Matrix: soil

Client: Environmental Plus, Inc. Attn: Iain Olness

Project ID: 2002-10286

Sample Name: LEI34052104MW4 (15')

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation:

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion:

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
I-Chlorooctane	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
I-Chlorooctane	D	
p-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic levels). Surrogate recoveries not accurately quantifiable.
p-Terphenyl	D	

Notes:

Analysys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
512-444-5886 FAX: 512-447-4766

Company Name Environmental Plus, Inc.

EPI Project Manager Iain Olness

Mailing Address P.O. BOX 1558

City, State, Zip Eunice New Mexico 88231

EPI Phone#Fax# 505-394-3481 / 505-394-2601

Client Company Plains All American

Facility Name Jct. 34 to Lea

Project Reference 2002-10286

EPI Sampler Name Manuel Gonzales

2209 N. Padre Island Dr., Corpus Christi, TX 78408

Chain of Custody Folio

Company Name		Environmental Plus, Inc.		EPI Project Manager		Iain Olness		Mailing Address		P.O. BOX 1558		City, State, Zip		Eunice New Mexico 88231		EPI Phone#Fax#		505-394-3481 / 505-394-2601		Client Company		Plains All American		Facility Name		Jct. 34 to Lea		Project Reference		2002-10286		EPI Sampler Name		Manuel Gonzales	
LAB I.D.		SAMPLE I.D.		MATRIX		PRESERV.		DATE		TIME		CHLORIDES (Cl)		SULFATES (SO ₄)		PH		TCLP		OTHER >>>		PAH													
156252	1	LEJ34052104MW4(5')	G	1	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M																		
156253	2	LEJ34052104MW4(15')	G	1	GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M																		
	3																																		
	4																																		
	5																																		
	6																																		
	7																																		
	8																																		
	9																																		
	10																																		

Sampler Requisitioned: *Eastlerson*

Relinquished by: *Eastlerson*

Delivered by: *Eastlerson*

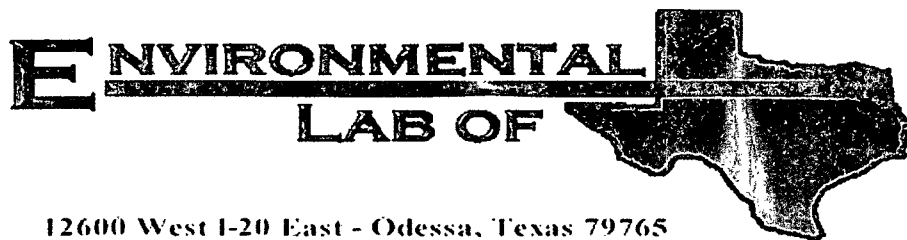
Received By: *Eastlerson*

Received By: (lab staff) *Eastlerson*

Checked By: *AS1*

Remarks: E-mail results to: iolness@hotmail.com and envipus@aol.com

7:42.c



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Jct. 34 to Lea

Project Number: 2002-10286

Location: UL-L, Sec. 21, T 20 S, R 37 E

Lab Order Number: 6C17003

Report Date: 03/27/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-8 5'-6'	6C17003-01	Soil	03/16/06 14:30	03/17/06 10:05
MW-8 10'-11'	6C17003-02	Soil	03/16/06 14:35	03/17/06 10:05
MW-8 15'-16'	6C17003-03	Soil	03/16/06 14:40	03/17/06 10:05
MW-8 20'-21'	6C17003-04	Soil	03/16/06 14:50	03/17/06 10:05
MW-9 5'-6'	6C17003-05	Soil	03/16/06 12:45	03/17/06 10:05
MW-9 10'-11'	6C17003-06	Soil	03/16/06 12:50	03/17/06 10:05
MW-9 15'-16'	6C17003-07	Soil	03/16/06 12:55	03/17/06 10:05
MW-10 5'-6'	6C17003-08	Soil	03/16/06 10:10	03/17/06 10:05
MW-10 10'-11'	6C17003-09	Soil	03/16/06 10:14	03/17/06 10:05
MW-10 15'-16'	6C17003-10	Soil	03/16/06 10:18	03/17/06 10:05

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 5'-6' (6C17003-01) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		80.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		92.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		94.2 %	70-130		"	"	"	"	
MW-8 10'-11' (6C17003-02) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		80.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		101 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-130		"	"	"	"	
MW-8 15'-16' (6C17003-03) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		85.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 2 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 15'-16' (6C17003-03) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		89.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.0 %	70-130		"	"	"	"	
MW-8 20'-21' (6C17003-04) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		81.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		100 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-130		"	"	"	"	
MW-9 5'-6' (6C17003-05) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		81.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	42.5	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	14.5	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	57.0	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		105 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 3 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-9 10'-11' (6C17003-06) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		88.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		96.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		96.4 %	70-130		"	"	"	"	
MW-9 15'-16' (6C17003-07) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		85.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		96.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		95.6 %	70-130		"	"	"	"	
MW-10 5'-6' (6C17003-08) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		89.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		104 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 4 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-10 5'-6' (6C17003-08) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		97.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.2 %	70-130		"	"	"	"	
MW-10 10'-11' (6C17003-09) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EC62120	03/21/06	03/22/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		86.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	"	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	396	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	178	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	574	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		99.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-130		"	"	"	"	
MW-10 15'-16' (6C17003-10) Soil									
Benzene	0.0595	0.0250	mg/kg dry	25	EC62306	03/23/06	03/23/06	EPA 8021B	
Toluene	0.247	0.0250	"	"	"	"	"	"	
Ethylbenzene	1.35	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.969	0.0250	"	"	"	"	"	"	
Xylene (o)	0.401	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		102 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		145 %	80-120		"	"	"	"	S-04
Carbon Ranges C6-C12	31.9	10.0	mg/kg dry	1	EC62010	03/20/06	03/21/06	EPA 8015M	
Carbon Ranges C12-C28	102	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	16.5	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	150	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		102 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 5 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-8 5'-6' (6C17003-01) Soil									
% Moisture	3.5	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-8 10'-11' (6C17003-02) Soil									
% Moisture	2.0	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-8 15'-16' (6C17003-03) Soil									
% Moisture	2.3	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-8 20'-21' (6C17003-04) Soil									
% Moisture	10.9	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-9 5'-6' (6C17003-05) Soil									
% Moisture	7.1	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-9 10'-11' (6C17003-06) Soil									
% Moisture	5.2	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-9 15'-16' (6C17003-07) Soil									
% Moisture	10.5	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-10 5'-6' (6C17003-08) Soil									
% Moisture	9.4	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-10 10'-11' (6C17003-09) Soil									
% Moisture	3.1	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	
MW-10 15'-16' (6C17003-10) Soil									
% Moisture	17.9	0.1	%	1	EC62006	03/17/06	03/20/06	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 6 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EC62010 - Solvent Extraction (GC)

Blank (EC62010-BLK1)

Prepared: 03/20/06 Analyzed: 03/21/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	70-130			
Surrogate: 1-Chlorooctadecane	46.3		"	50.0		92.6	70-130			

LCS (EC62010-BS1)

Prepared & Analyzed: 03/20/06

Carbon Ranges C6-C12	510	10.0	mg/kg wet	500		102	75-125			
Carbon Ranges C12-C28	477	10.0	"	500		95.4	75-125			
Total Hydrocarbon C6-C35	987	10.0	"	1000		98.7	75-125			
Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	50.0		"	50.0		100	70-130			

Calibration Check (EC62010-CCV1)

Prepared: 03/20/06 Analyzed: 03/21/06

Carbon Ranges C6-C12	255		mg/kg	250		102	80-120			
Carbon Ranges C12-C28	299		"	250		120	80-120			
Total Hydrocarbon C6-C35	554		"	500		111	80-120			
Surrogate: 1-Chlorooctane	51.6		"	50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	50.2		"	50.0		100	70-130			

Matrix Spike (EC62010-MS1)

Source: 6C17003-01

Prepared: 03/20/06 Analyzed: 03/21/06

Carbon Ranges C6-C12	504	10.0	mg/kg dry	518	ND	97.3	75-125			
Carbon Ranges C12-C28	477	10.0	"	518	ND	92.1	75-125			
Total Hydrocarbon C6-C35	981	10.0	"	1040	ND	94.3	75-125			
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	48.2		"	50.0		96.4	70-130			

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914
Reported:
03/27/06 13:17

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EC62010 - Solvent Extraction (GC)

Matrix Spike Dup (EC62010-MSD1)		Source: 6C17003-01		Prepared: 03/20/06 Analyzed: 03/21/06						
Carbon Ranges C6-C12	499	10.0	mg/kg dry	518	ND	96.3	75-125	0.997	20	
Carbon Ranges C12-C28	470	10.0	"	518	ND	90.7	75-125	1.48	20	
Total Hydrocarbon C6-C35	969	10.0	"	1040	ND	93.2	75-125	1.23	20	
Surrogate: 1-Chlorooctane	52.4		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	47.5		"	50.0		95.0	70-130			

Batch EC62120 - EPA 5030C (GC)

Blank (EC62120-BLK1)		Prepared & Analyzed: 03/21/06								
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	34.8		ug/kg	40.0		87.0	80-120			
Surrogate: 4-Bromofluorobenzene	39.4		"	40.0		98.5	80-120			

LCS (EC62120-BS1)		Prepared & Analyzed: 03/21/06								
Benzene	1.01	0.0250	mg/kg wet	1.25		80.8	80-120			
Toluene	1.18	0.0250	"	1.25		94.4	80-120			
Ethylbenzene	1.35	0.0250	"	1.25		108	80-120			
Xylene (p/m)	2.75	0.0250	"	2.50		110	80-120			
Xylene (o)	1.36	0.0250	"	1.25		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.0		ug/kg	40.0		87.5	80-120			
Surrogate: 4-Bromofluorobenzene	40.9		"	40.0		102	80-120			

Calibration Check (EC62120-CCV1)		Prepared: 03/21/06 Analyzed: 03/22/06								
Benzene	41.8		ug/kg	50.0		83.6	80-120			
Toluene	44.8		"	50.0		89.6	80-120			
Ethylbenzene	47.9		"	50.0		95.8	80-120			
Xylene (p/m)	97.7		"	100		97.7	80-120			
Xylene (o)	48.8		"	50.0		97.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	33.4		"	40.0		83.5	80-120			
Surrogate: 4-Bromofluorobenzene	33.5		"	40.0		83.8	80-120			

Plains All-American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EC62120 - EPA 5030C (GC)

Matrix Spike (EC62120-MS1)		Source: 6C17003-02		Prepared: 03/21/06		Analyzed: 03/22/06	
Benzene	1.06	0.0250	mg/kg dry	1.28	ND	82.8	80-120
Toluene	1.16	0.0250	"	1.28	ND	90.6	80-120
Ethylbenzene	1.34	0.0250	"	1.28	ND	105	80-120
Xylene (p/m)	2.77	0.0250	"	2.55	ND	109	80-120
Xylene (o)	1.36	0.0250	"	1.28	ND	106	80-120
Surrogate: a,a,a-Trifluorotoluene	33.9		ug/kg	40.0		84.8	80-120
Surrogate: 4-Bromofluorobenzene	45.2		"	40.0		113	80-120

Matrix Spike Dup (EC62120-MSD1)	Source: 6C17003-02			Prepared: 03/21/06		Analyzed: 03/22/06			
Benzene	1.06	0.0250	mg/kg dry	1.28	ND	82.8	80-120	0.00	20
Toluene	1.17	0.0250	"	1.28	ND	91.4	80-120	0.879	20
Ethylbenzene	1.34	0.0250	"	1.28	ND	105	80-120	0.00	20
Xylene (p/m)	2.78	0.0250	"	2.55	ND	109	80-120	0.00	20
Xylene (o)	1.37	0.0250	"	1.28	ND	107	80-120	0.939	20
Surrogate: a,a,a-Trifluorotoluene	32.9		ug/kg	40.0		82.2	80-120		
Surrogate: 4-Bromofluorobenzene	42.6		"	40.0		106	80-120		

Batch EC62306 - EPA 5030C (GC)

Blank (EC62306-BLK1)				Prepared & Analyzed: 03/23/06	
Benzene	ND	0.0250	mg/kg wet		
Toluene	ND	0.0250	"		
Ethylbenzene	ND	0.0250	"		
Xylene (p/m)	ND	0.0250	"		
Xylene (o)	ND	0.0250	"		
Surrogate: a,a,a-Trifluorotoluene	32.6		ug/kg	40.0	81.5 80-120
Surrogate: 4-Bromofluorobenzene	34.5		"	40.0	86.2 80-120

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EC62306 - EPA 5030C (GC)

LCS (EC62306-BS1)

Prepared: 03/23/06 Analyzed: 03/24/06

Benzene	1.10	0.0250	mg/kg wet	1.25		88.0	80-120			
Toluene	1.24	0.0250	"	1.25		99.2	80-120			
Ethylbenzene	1.37	0.0250	"	1.25		110	80-120			
Xylene (p/m)	2.80	0.0250	"	2.50		112	80-120			
Xylene (o)	1.38	0.0250	"	1.25		110	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.8		ug/kg	40.0		89.5	80-120			
Surrogate: 4-Bromofluorobenzene	42.7		"	40.0		107	80-120			

Calibration Check (EC62306-CCV1)

Prepared: 03/23/06 Analyzed: 03/24/06

Benzene	42.6		ug/kg	50.0		85.2	80-120			
Toluene	46.5		"	50.0		93.0	80-120			
Ethylbenzene	50.9		"	50.0		102	80-120			
Xylene (p/m)	104		"	100		104	80-120			
Xylene (o)	51.9		"	50.0		104	80-120			
Surrogate: a,a,a-Trifluorotoluene	36.6		"	40.0		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	42.5		"	40.0		106	80-120			

Matrix Spike (EC62306-MS1)

Source: 6C21004-01

Prepared: 03/23/06 Analyzed: 03/24/06

Benzene	1.07	0.0250	mg/kg dry	1.33	ND	80.5	80-120			
Toluene	1.18	0.0250	"	1.33	ND	88.7	80-120			
Ethylbenzene	1.30	0.0250	"	1.33	ND	97.7	80-120			
Xylene (p/m)	2.65	0.0250	"	2.66	ND	99.6	80-120			
Xylene (o)	1.29	0.0250	"	1.33	ND	97.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	34.7		ug/kg	40.0		86.8	80-120			
Surrogate: 4-Bromofluorobenzene	34.0		"	40.0		85.0	80-120			

Matrix Spike Dup (EC62306-MSD1)

Source: 6C21004-01

Prepared: 03/23/06 Analyzed: 03/24/06

Benzene	1.11	0.0250	mg/kg dry	1.33	ND	83.5	80-120	3.66	20	
Toluene	1.20	0.0250	"	1.33	ND	90.2	80-120	1.68	20	
Ethylbenzene	1.34	0.0250	"	1.33	ND	101	80-120	3.32	20	
Xylene (p/m)	2.73	0.0250	"	2.66	ND	103	80-120	3.36	20	
Xylene (o)	1.34	0.0250	"	1.33	ND	101	80-120	4.04	20	
Surrogate: a,a,a-Trifluorotoluene	34.6		ug/kg	40.0		86.5	80-120			
Surrogate: 4-Bromofluorobenzene	38.1		"	40.0		95.2	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 10 of 12

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EC62006 - General Preparation (Prep)

Blank (EC62006-BLK1) Prepared: 03/17/06 Analyzed: 03/20/06

% Solids 100 %

Duplicate (EC62006-DUP1) Source: 6C16020-01 Prepared: 03/17/06 Analyzed: 03/20/06

% Solids 90.5 % 90.8 0.331 20

Duplicate (EC62006-DUP2) Source: 6C17001-03 Prepared: 03/17/06 Analyzed: 03/20/06

% Solids 89.2 % 90.0 0.893 20

Duplicate (EC62006-DUP3) Source: 6C13017-02 Prepared: 03/17/06 Analyzed: 03/20/06

% Solids 90.8 % 90.9 0.110 20

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Jct. 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
03/27/06 13:17

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date: 3/27/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231

(505) 394-3481 FAX: (505) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

Lab: ELT

Company Name Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST	
EPI Project Manager Iain Olness		PLAINS PIPELINE, L.P.			
Mailing Address P.O. BOX 1558		Attn: ENV Accounts Receivable			
City, State, Zip Eunice New Mexico 88231		PO Box 4648,			
EPI Phone#/Fax# 505-394-3481 / 505-394-2601		Houston, TX 77210-4648			
Client Company Plains All American Pipeline					
Facility Name Jct. 34 to Lea					
Location UL-L, Sec. 21, T 20 S, R 37 E					
Project Reference 2002-10286					
EPI Sampler Name George Blackburn					

LAB I.D.	SAMPLE I.D.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO ₄)	PH	TCLP	OTHER >>>	PAH		
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER												
01	MW-8 (5'-6')	1	X									X			X								
02	MW-8 (10'-11')	1	X									X			X								
03	MW-8 (15'-16')	1	X									X			X								
04	MW-8 (20'-21')	1	X									X			X								
05	MW-9 (5'-6')	1	X									X			X								
06	MW-9 (10'-11')	1	X									X			X								
07	MW-9 (15'-16')	1	X									X			X								
08	MW-10 (5'-6')	1	X									X			X								
09	MW-10 (10'-11')	1	X									X			X								
10	MW-10 (15'-16')	1	X									X			X								

Samples Relinquished: Iain Olness	Received By: Iain Olness	Received By: (lab staff) Cal. Clark	Sample Cool & Inlet No. 1005
	Relinquished by: Iain Olness	Relinquished by: Cal. Clark	
Delivered by:	Checked By:		

E-mail results to: iolness@envplus.net & cireynolds@paalp.com	
REMARKS:	

Environmental Lab of Texas Variance / Corrective Action Report – Sample Log-In

Client: Plains
 Date/Time: 3/17/06 10:05
 Order #: 6C17003
 Initials: ck

Sample Receipt Checklist

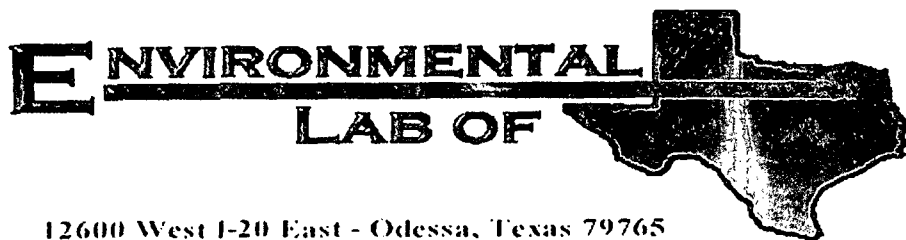
Temperature of container/cooler?	Yes	No	O.D	C
Shipping container/cooler in good condition?	☒	No		
Custody Seals intact on shipping container/cooler?	Yes	No	<u>Not present</u>	
Custody Seals intact on sample bottles?	☒	No	Not present	
Chain of custody present?	☒	No		
Sample Instructions complete on Chain of Custody?	☒	No		
Chain of Custody signed when relinquished and received?	☒	No		
Chain of custody agrees with sample label(s)	☒	No		
Container labels legible and intact?	☒	No		
Sample Matrix and properties same as on chain of custody?	☒	No		
Samples in proper container/bottle?	☒	No		
Samples properly preserved?	☒	No		
Sample bottles intact?	☒	No		
Preservations documented on Chain of Custody?	☒	No		
Containers documented on Chain of Custody?	☒	No		
Sufficient sample amount for indicated test?	☒	No		
All samples received within sufficient hold time?	☒	No		
VOC samples have zero headspace?	☒	No	Not Applicable	

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Junction 34 to Lea

Project Number: 2002-10286

Location: UL-L, Sect. 21 T 20 S, R 37 E

Lab Order Number: 6E12005

Report Date: 05/17/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW-1 (10')	6E12005-01	Soil	05/03/06 08:00	05/12/06 10:18
SW-3 (10')	6E12005-02	Soil	05/03/06 08:35	05/12/06 10:18
SW-6 (10')	6E12005-03	Soil	05/03/06 09:15	05/12/06 10:18
SW-8 (10')	6E12005-04	Soil	05/03/06 09:40	05/12/06 10:18
SW-10 (10')	6E12005-05	Soil	05/03/06 09:52	05/12/06 10:18
SW-12 (10')	6E12005-06	Soil	05/03/06 10:05	05/12/06 10:18
SW-14 (10')	6E12005-07	Soil	05/03/06 10:17	05/12/06 10:18
SW-16 (10')	6E12005-08	Soil	05/03/06 10:40	05/12/06 10:18
SW-19 (10')	6E12005-09	Soil	05/03/06 11:10	05/12/06 10:18
SW-20 (10')	6E12005-10	Soil	05/03/06 11:18	05/12/06 10:18
SW-22 (10')	6E12005-11	Soil	05/03/06 11:34	05/12/06 10:18
SW-26 (10')	6E12005-12	Soil	05/03/06 12:01	05/12/06 10:18
SW-29 (10')	6E12005-13	Soil	05/03/06 12:19	05/12/06 10:18
SW-31 (10')	6E12005-14	Soil	05/03/06 12:31	05/12/06 10:18
SW-34 (10')	6E12005-15	Soil	05/03/06 12:46	05/12/06 10:18
SW-36 (10')	6E12005-16	Soil	05/03/06 12:56	05/12/06 10:18
SW-38 (10')	6E12005-17	Soil	05/03/06 13:15	05/12/06 10:18
SW-39 (10')	6E12005-18	Soil	05/03/06 13:25	05/12/06 10:18

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-1 (10') (6E12005-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		95.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	19.0	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C12-C28	1020	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	139	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	1180	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		99.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		114 %	70-130		"	"	"	"	
SW-3 (10') (6E12005-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		91.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	J [7.23]	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	J
Carbon Ranges C12-C28	903	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	135	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	1040	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		105 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		118 %	70-130		"	"	"	"	
SW-6 (10') (6E12005-03) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		80.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		82.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	18.5	10.0	mg/kg dry	"	EE61229	05/12/06	05/13/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-6 (10') (6E12005-03) Soil									
Carbon Ranges C12-C28	1040	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C28-C35	117	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	1180	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		94.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	
SW-8 (10') (6E12005-04) Soil									
Benzene	ND	0.00100	mg/kg dry	1	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		80.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	29.1	10.0	mg/kg dry	"	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C12-C28	1460	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	181	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	1670	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		108 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	
SW-10 (10') (6E12005-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		95.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		108 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 3 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-12 (10') (6E12005-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	J [7.45]	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	J
Carbon Ranges C12-C28	2000	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	333	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	2330	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		123 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		136 %	70-130		"	"	"	"	S-04
SW-14 (10') (6E12005-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		87.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	33.8	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C12-C28	2300	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	278	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	2610	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		91.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		126 %	70-130		"	"	"	"	
SW-16 (10') (6E12005-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	160	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-16 (10') (6E12005-08) Soil									
Carbon Ranges C12-C28	2540	10.0	mg/kg dry	1	EE61229	05/12/06	05/13/06	EPA 8015M	
Carbon Ranges C28-C35	236	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	2940	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		103 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		146 %	70-130		"	"	"	"	S-04
SW-19 (10') (6E12005-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	0.0257	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.112	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.256	0.0250	"	"	"	"	"	"	
Xylene (o)	0.363	0.0250	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		96.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	799	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	7050	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	612	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	8460	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		109 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		190 %	70-130		"	"	"	"	S-04
SW-20 (10') (6E12005-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0204]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.0346	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		91.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	207	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	2730	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	262	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	3200	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		101 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		136 %	70-130		"	"	"	"	S-04

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 5 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09 -

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-22 (10') (6E12005-11) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	J [0.0196]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	0.0875	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.229	0.0250	"	"	"	"	"	"	
Xylene (o)	0.213	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		92.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	1150	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	6980	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	575	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	8700	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		120 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		190 %	70-130		"	"	"	"	S-04

SW-26 (10') (6E12005-12) Soil

Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		88.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/15/06	EPA 8015M	
Carbon Ranges C12-C28	66.2	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	J [5.81]	10.0	"	"	"	"	"	"	J
Total Hydrocarbon nC6-nC35	66.2	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		86.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		90.4 %	70-130		"	"	"	"	

SW-29 (10') (6E12005-13) Soil

Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-29 (10") (6E12005-13) Soil									
Carbon Ranges C12-C28	184	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C28-C35	48.0	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	232	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		108 %	70-130		"	"	"	"	
SW-31 (10") (6E12005-14) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		113 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		118 %	70-130		"	"	"	"	
SW-34 (10") (6E12005-15) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	50.9	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	J [5.42]	10.0	"	"	"	"	"	"	J
Total Hydrocarbon nC6-nC35	50.9	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		104 %	70-130		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 7 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-36 (10') (6E12005-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		95.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		94.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	13.5	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	806	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	108	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	928	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		111 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		119 %	70-130		"	"	"	"	
SW-38 (10') (6E12005-17) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/15/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		88.0 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		81.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	42.0	10.0	mg/kg dry	1	EE61229	05/12/06	05/14/06	EPA 8015M	
Carbon Ranges C12-C28	2470	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	270	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	2780	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		94.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		106 %	70-130		"	"	"	"	
SW-39 (10') (6E12005-18) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EE61223	05/12/06	05/16/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a.a.a-Trifluorotoluene		98.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/15/06	EPA 8015M	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 8 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09 -

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-39 (10") (6E12005-18) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EE61229	05/12/06	05/15/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		81.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.0 %	70-130		"	"	"	"	

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-1 (10') (6E12005-01) Soil									
% Moisture	0.3	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-3 (10') (6E12005-02) Soil									
% Moisture	1.1	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-6 (10') (6E12005-03) Soil									
% Moisture	0.7	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-8 (10') (6E12005-04) Soil									
% Moisture	4.9	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-10 (10') (6E12005-05) Soil									
% Moisture	0.2	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-12 (10') (6E12005-06) Soil									
% Moisture	3.5	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-14 (10') (6E12005-07) Soil									
% Moisture	0.2	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-16 (10') (6E12005-08) Soil									
% Moisture	0.6	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-19 (10') (6E12005-09) Soil									
% Moisture	0.7	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-20 (10') (6E12005-10) Soil									
% Moisture	1.7	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-22 (10') (6E12005-11) Soil									
% Moisture	0.7	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 10 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-26 (10') (6E12005-12) Soil									
% Moisture	9.4	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-29 (10') (6E12005-13) Soil									
% Moisture	4.8	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-31 (10') (6E12005-14) Soil									
% Moisture	7.8	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-34 (10') (6E12005-15) Soil									
% Moisture	7.7	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-36 (10') (6E12005-16) Soil									
% Moisture	4.9	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-38 (10') (6E12005-17) Soil									
% Moisture	1.3	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	
SW-39 (10') (6E12005-18) Soil									
% Moisture	6.2	0.1	%	1	EE61508	05/12/06	05/15/06	% calculation	

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch EE61223 - EPA 5030C (GC)

Blank (EE61223-BLK1)

Prepared: 05/12/06 Analyzed: 05/15/06

Benzene	ND	0.0250	mg/kg wet						
Toluene	ND	0.0250	"						
Ethylbenzene	ND	0.0250	"						
Xylene (p/m)	ND	0.0250	"						
Xylene (o)	ND	0.0250	"						
Surrogate: a,a,a-Trifluorotoluene	37.0		ug/kg	40.0		92.5	80-120		
Surrogate: 4-Bromofluorobenzene	32.2		"	40.0		80.5	80-120		

LCS (EE61223-BS1)

Prepared: 05/12/06 Analyzed: 05/15/06

Benzene	1.28	0.0250	mg/kg wet	1.25		102	80-120		
Toluene	1.32	0.0250	"	1.25		106	80-120		
Ethylbenzene	1.29	0.0250	"	1.25		103	80-120		
Xylene (p/m)	2.99	0.0250	"	2.50		120	80-120		
Xylene (o)	1.46	0.0250	"	1.25		117	80-120		
Surrogate: a,a,a-Trifluorotoluene	38.7		ug/kg	40.0		96.8	80-120		
Surrogate: 4-Bromofluorobenzene	40.0		"	40.0		100	80-120		

Calibration Check (EE61223-CCV1)

Prepared: 05/12/06 Analyzed: 05/16/06

Benzene	41.2		ug/kg	50.0		82.4	80-120		
Toluene	41.5		"	50.0		83.0	80-120		
Ethylbenzene	46.2		"	50.0		92.4	80-120		
Xylene (p/m)	93.3		"	100		93.3	80-120		
Xylene (o)	47.6		"	50.0		95.2	80-120		
Surrogate: a,a,a-Trifluorotoluene	41.8		"	40.0		104	80-120		
Surrogate: 4-Bromofluorobenzene	44.5		"	40.0		111	80-120		

Matrix Spike (EE61223-MS1)

Source: 6E12005-05

Prepared: 05/12/06 Analyzed: 05/16/06

Benzene	1.01	0.0250	mg/kg dry	1.25	ND	80.8	80-120		
Toluene	1.01	0.0250	"	1.25	ND	80.8	80-120		
Ethylbenzene	1.17	0.0250	"	1.25	ND	93.6	80-120		
Xylene (p/m)	2.51	0.0250	"	2.51	ND	100	80-120		
Xylene (o)	1.25	0.0250	"	1.25	ND	100	80-120		
Surrogate: a,a,a-Trifluorotoluene	40.0		ug/kg	40.0		100	80-120		
Surrogate: 4-Bromofluorobenzene	42.3		"	40.0		106	80-120		

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 12 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EE61223 - EPA 5030C (GC)

Matrix Spike Dup (EE61223-MSD1)

Source: 6E12005-05

Prepared: 05/12/06

Analyzed: 05/16/06

Benzene	1.01	0.0250	mg/kg dry	1.25	ND	80.8	80-120	0.00	20	
Toluene	1.03	0.0250	"	1.25	ND	82.4	80-120	1.96	20	
Ethylbenzene	1.17	0.0250	"	1.25	ND	93.6	80-120	0.00	20	
Xylene (p/m)	2.59	0.0250	"	2.51	ND	103	80-120	2.96	20	
Xylene (o)	1.30	0.0250	"	1.25	ND	104	80-120	3.92	20	
Surrogate: a,a,a-Trifluorotoluene	38.6		ug/kg	40.0		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			

Batch EE61229 - Solvent Extraction (GC)

Blank (EE61229-BLK1)

Prepared: 05/12/06

Analyzed: 05/13/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	70-130			
Surrogate: 1-Chlorooctadecane	51.6		"	50.0		103	70-130			

LCS (EE61229-BS1)

Prepared: 05/12/06

Analyzed: 05/15/06

Carbon Ranges C6-C12	510	10.0	mg/kg wet	500		102	75-125			
Carbon Ranges C12-C28	566	10.0	"	500		113	75-125			
Total Hydrocarbon nC6-nC35	1080	10.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	51.3		"	50.0		103	70-130			

Calibration Check (EE61229-CCV1)

Prepared: 05/12/06

Analyzed: 05/14/06

Carbon Ranges C6-C12	252		mg/kg	250		101	80-120			
Carbon Ranges C12-C28	287		"	250		115	80-120			
Total Hydrocarbon nC6-nC35	539		"	500		108	80-120			
Surrogate: 1-Chlorooctane	49.0		"	50.0		98.0	70-130			
Surrogate: 1-Chlorooctadecane	48.6		"	50.0		97.2	70-130			

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EE61229 - Solvent Extraction (GC)

Matrix Spike (EE61229-MS1)

Source: 6E12005-14

Prepared: 05/12/06 Analyzed: 05/13/06

Carbon Ranges C6-C12	627	10.0	mg/kg dry	542	ND	116	75-125			
Carbon Ranges C12-C28	624	10.0	"	542	ND	115	75-125			
Total Hydrocarbon nC6-nC35	1250	10.0	"	1080	ND	116	75-125			
Surrogate: 1-Chlorooctane	62.7		mg/kg	50.0		125	70-130			
Surrogate: 1-Chlorooctadecane	57.7		"	50.0		115	70-130			

Matrix Spike Dup (EE61229-MSD1)

Source: 6E12005-14

Prepared: 05/12/06 Analyzed: 05/13/06

Carbon Ranges C6-C12	632	10.0	mg/kg dry	542	ND	117	75-125	0.794	20	
Carbon Ranges C12-C28	637	10.0	"	542	ND	118	75-125	2.06	20	
Total Hydrocarbon nC6-nC35	1270	10.0	"	1080	ND	118	75-125	1.59	20	
Surrogate: 1-Chlorooctane	62.9		mg/kg	50.0		126	70-130			
Surrogate: 1-Chlorooctadecane	57.4		"	50.0		115	70-130			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 14 of 16

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch EE61508 - General Preparation (Prep)

Blank (EE61508-BLK1)

Prepared: 05/12/06 Analyzed: 05/15/06

% Solids 100 %

Duplicate (EE61508-DUP1)

Source: 6E12001-01

Prepared: 05/12/06 Analyzed: 05/15/06

% Solids 90.0 % 89.8 0.222 20

Duplicate (EE61508-DUP2)

Source: 6E12005-08

Prepared: 05/12/06 Analyzed: 05/15/06

% Solids 99.2 % 99.4 0.201 20

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Junction 34 to Lea
Project Number: 2002-10286
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
05/17/06 15:09

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

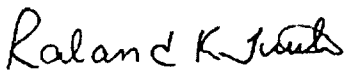
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

5/17/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

Company Name

EPI Form "Analysis ELT-2 Chain of Custody.xls"

Environmental Lab of Texas

12600 West I-20 East, Odessa, TX 79765
432-563-1800 FAX: 432-563-1713

Chain of Custody Form

Company Name Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST	
EPI Project Manager Iain Olness		Attn: ENV Accounts Payable PO Box 4648 Houston, TX 77210-4648			
Mailing Address P.O. BOX 1558		PLAINS ALL AMERICAS PIPELINE, L.P.			
City, State, Zip Eunice New Mexico 88231					
EPI Phone# / Fax# 505-394-3481 / 505-394-2601					
Client Company Plains Pipeline					
Facility Name Junction 34 to Lea					
Location UL-L, Sect. 21, T 20 S, R 37 E					
Project Reference 2002-10286					
EPI Sampler Name Jacob Melancon					

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	PH	TCLP	OTHER >>>	PAH		
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER														
-11	SW 22 (10')	G 1	1			X						X			3-May	1134	X	X								
-12	SW 26 (10')	G 1	1			X						X			3-May	1201	X	X								
-13	SW 29 (10')	G 1	1			X						X			3-May	1219	X	X								
-14	SW 31 (10')	G 1	1			X						X			3-May	1231	X	X								
-15	SW 34 (10')	G 1	1			X						X			3-May	1246	X	X								
-16	SW 36 (10')	G 1	1			X						X			3-May	1256	X	X								
-17	SW 38 (10')	G 1	1			X						X			3-May	1315	X	X								
-18	SW 39 (10')	G 1	1			X						X			3-May	1325	X	X								
9																										
10																										

Sampler Relinquished:	Received By:	Time:
<i>Steven Hernandez</i>	<i>Michaela</i>	May 12 2008
Relinquished By:	Received By: (lab staff)	Time:
<i>Michaela</i>	<i>Steven Hernandez</i>	May 12 2008
Delivered By:	Sample Cool & Intact	Checked By:
3.0°C	Yes ☒ No ☐	JMM

Remarks: E-mail results to: iolness@envplus.net

Environmental Lab of Texas

Variance / Corrective Action Report – Sample Log-In

Client: Plains P/L

Date/Time: 05-12-06 @ 1018

Order #: 6E12005

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	☒ Yes	☐ No	3.0	C
Shipping container/cooler in good condition?	☒ Yes	☐ No		
Custody Seals intact on shipping container/cooler?	☒ Yes	☐ No	<u>Not present</u>	
Custody Seals intact on sample bottles?	☒ Yes	☐ No	<u>Not present</u>	
Chain of custody present?	☒ Yes	☐ No		
Sample Instructions complete on Chain of Custody?	☒ Yes	☐ No		
Chain of Custody signed when relinquished and received?	☒ Yes	☐ No		
Chain of custody agrees with sample label(s)	☒ Yes	☐ No	*	
Container labels legible and intact?	☒ Yes	☐ No		
Sample Matrix and properties same as on chain of custody?	☒ Yes	☐ No		
Samples in proper container/bottle?	☒ Yes	☐ No		
Samples properly preserved?	☒ Yes	☐ No		
Sample bottles intact?	☒ Yes	☐ No		
Preservations documented on Chain of Custody?	☒ Yes	☐ No		
Containers documented on Chain of Custody?	☒ Yes	☐ No		
Sufficient sample amount for indicated test?	☒ Yes	☐ No		
All samples received within sufficient hold time?	☒ Yes	☐ No		
VOC samples have zero headspace?	☒ Yes	☐ No	Not Applicable	

Other observations:

* See attached e-mail re: sample times

Variance Documentation:

Contact Person: Iain Olness Date/Time: 05-12-06 @ 1238 Contacted by: Jeanne McMurrian
Regarding: sampling times

Corrective Action Taken:

Client wants to reference COC

Jeanne McMurrey

From: "Iain Olness" <iolness@envplus.net>
To: "Jeanne McMurrey" <jeanne@elabtxas.com>
Sent: Friday, May 12, 2006 12:38 PM
Subject: RE: Junction 34 to Lea samples

Dear Jeanne,

Please utilize the times on the COC. Thanks for your diligence.

Iain

From: Jeanne McMurrey [mailto:jeanne@elabtxas.com]
Sent: Friday, May 12, 2006 10:36 AM
To: Iain Olness
Subject: Re: Junction 34 to Lea samples

Hello Iain,

We received your samples for Junction 34 to Lea samples this morning. We have a discrepancy on three samples for sampling time.

SAMPLE	COC	LABEL
SW 31 (10')	1231	0940
SW 38 (10')	1315	1017
SW 39 (10')	1325	1040

Please let me know which time you would like to reference.

Thanks,
Jeanne

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

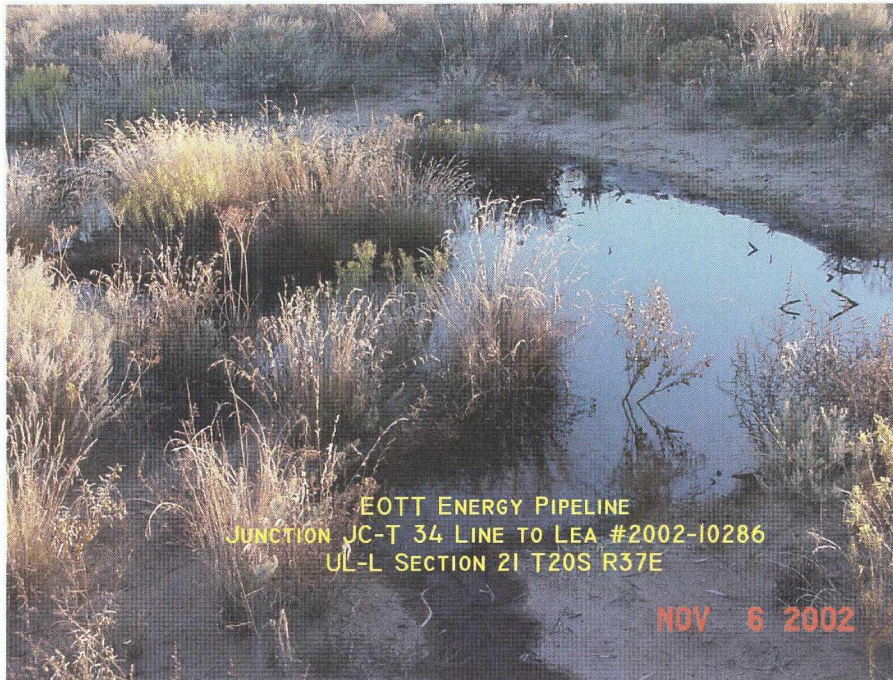
--
This message has been scanned for viruses and dangerous content by BasinBroadband, and is believed to be clean.

--
This message has been scanned for viruses and dangerous content by BasinBroadband, and is believed to be clean.

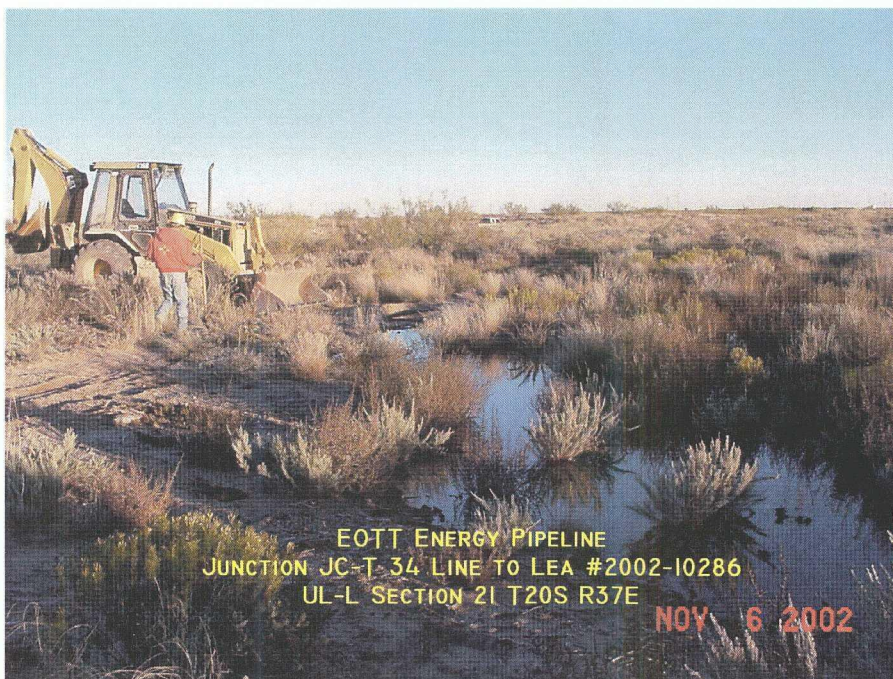
5/12/2006

APPENDIX B

Site Photographs



Photograph #1- Looking down at the initial release.



Photograph #2- Looking at the initial release.



Photograph #3- Looking westerly at excavation activities.



Photograph #4- Looking southerly at excavation activities.



Photograph #5- Looking northerly at excavation.



Photograph #6- Looking westerly at excavation.



Photograph #7- Looking southerly at excavation.



Photograph #8- Looking westerly at natural gas and natural gas liquids release from Sid Richardson pipeline.



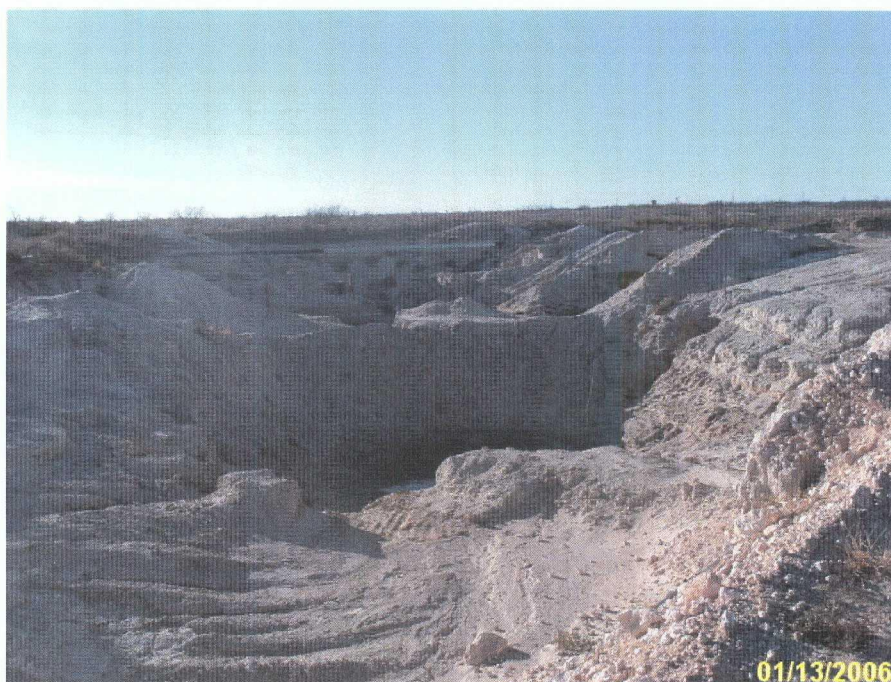
Photograph #9- Looking westerly at Sid Richardson release. Dark stained soil is natural gas liquid contaminated soil.



Photograph #10- Looking southerly at Sid Richardson release. Dark stained soil is natural gas liquid contaminated soil.



Photograph #11- Looking southerly at stockpiled soil.



Photograph #8- Looking easterly at excavation.

APPENDIX C

Informational Copy of Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

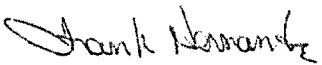
Name of Company EOTT Energy LLC	Contact Frank Hernandez
Address PO Box 1660 5805 East Highway 80 Midland, Texas 79702	Telephone No. 915.638.3799
Facility Name Juction JCT 34 Line to Lea #2002-10286	Facility Type 10" Steel Pipeline

Surface Owner Deck Estate	Mineral Owner	Lease No.
------------------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter 21	Section 21	Township T20S	Range R37E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea Lat. 32 32' 20.828"N Lon. 103 15' 38.480"W
-------------------	---------------	------------------	---------------	---------------	------------------	---------------	----------------	--

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 300 bbls barrels	Volume Recovered 190 bbls barrels
Source of Release 8" Steel Pipeline	Date and Hour of Occurrence 11-06-02 @ 11:00 AM	Date and Hour of Discovery 11-6-02 @ 4:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Pat McCasland, EPI	Date and Hour 11-07-02 @ 6:30 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Pipe repair clamp installed.		
Describe Area Affected and Cleanup Action Taken.* Site will be delineated and a remediation plan developed. Remedial Goals: TPH 8015m = 100 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 		OIL CONSERVATION DIVISION
Printed Name: Frank Hernandez		Approved by District Supervisor:
Title: District Environmental Supervisor	Approval Date:	Expiration Date:
Date: 9-10-02 Phone: 915.638.3799	Conditions of Approval:	Attached ☐

* Attach Additional Sheets If Necessary